# INDEX TO VOLUME 77

The asterisk (*) preceding the page number indicates an original article. Subject entries are made for all articles. Author entries are made for original articles and society transactions. Book Reviews and Society Transactions are indexed under the letters B and S, respectively.


**Abdomen**; agenesis of abdominal muscles with associated malformation of genitourinary tract; clinical syndrome, *362
complications of ascariasis requiring surgical treatment; report of case with abdominothoracic complications, *389
Abnormalities and Deformities: See under names of organs and regions, as Aorta; Cranium; Genitourinary Tract; Heart; Kidneys; etc.
Abortion; infant mortality as shown at autopsy (abortions and neonatal mortality), 84
Abscess: See also under names of organs and regions, as Brain; etc.
mongol with abscess in neck from tuberculosis of cervical spines, 783
Acetylcholine: See Choline and Choline Derivatives
Acid, Amino: See Amino Acids
Ascorbic: See Ascorbic Acid
Cevitamic: See Ascorbic Acid
Folic: See Vitamins, B
Nicotinic: See Nicotinic Acid
Pantothenic: See Vitamins, B
Para-Aminobenzoic: See Rocky Mountain Spotted Fever
pteroylglutamic, influence on tyrosine metabolism in scorbutic guinea pig, 128
Pyruvic: See under Blood
Tartaric: See Tartrates
Acid-Base Equilibrium: See also Acidosis
balance and electrocardiographic studies in potassium deficiency, 132
electrolyte balance studies on premature infants on diet of evaporated milk, *49
Acidosis: See also Acid-Base Equilibrium
and bicarbonate serotherapy, 671
in young infants; effect of ingestion of ammonium chloride, 114
Adenitis: See Lymph Nodes
Adiponecrosis: See under Fat
Adolescence, normal growth and development during, 83
Precocious: See Puberty
standard, unipolar limb and precordial leads in children and adolescents with inactive rheumatic fever, *610
study of voice change in boys between ages of 11 and 16, 531
Adrenal Preparations; ethyl-nor-epinephrine by inhalation for bronchial asthma; comparison with epinephrine, 532
Therapy: See Pylorus
Adrenals; acute insufficiency in newborn, 777
hemorrhage; Waterhouse-Friderichsen syndrome in meningococcic sepsis, 86
meningococcal-adrenal syndrome, 86
Adrenogenital Syndrome: See Puberty, precocious
Age; infant of older primipara, 539
study of voice change in boys between ages of 11 and 16, 531
Agglutinins and Agglutination: See Antigens and Antibodies; Blood groups; Immunity; etc.
Air; cross infections in infants' wards and their control by use of triethylene glycol vapor, 122
death of newborn infant from intratracheal insufflation, *76
respiratory air flow patterns in children, *625
Air Passages: See Respiratory Tract
Albanese, A. A.: Comparative nutritive value of casein and of lactalbumin for man, 108
Sulfur amino acid requirement of infant, 125
Albumin; comparative nutritive value of casein and of lactalbumin for man, 108
Alcohol; acute poisoning in childhood, 270
Aldrich, R. A.: Megaloblastic anemia in infancy, 127
Response of congenital hypoplastic anemia to short wave diathermy, 128
Alexander, H. E.: Nature of action of streptomycin on sensitive Hemophilus influenzae, 120
Algarroba Bean: See Beans
Alimentary Tract: See Digestive System
Alkalosis: See Acid-Base Equilibrium
Allergy: See Anaphylaxis and Allergy; Asthma; etc.
Alloxan; mineral metabolism in rats with alloxan-induced diabetes, 133
treatment of hypoglycemic convulsions with, 107
Alopecia and canities in children associated with avitaminosis; preliminary report, 408
Amentia: See Feeblemindedness; Idiocy
American Board of Pediatrics, Inc., examinations of, 254, 774
physicians certified by, 687
Amino Acids: See also Casein; Nitrogen; Proteins
aminoaciduria in Fanconi syndrome (tubular renal rickets), 103
in Blood: See under Blood
oral and intravenous administration of, 521
sulfur amino acid requirement of infant, 125
tolerance tests in children, *425
Aminophylline: See Asthma
Ammonia and Ammonium Compounds; acidosis in young infants; effect of ingestion of ammonium chloride, 114
infection with Bacillus anthracis; comparison of antibacterial effects of calf thymus histone and quaternary ammonium cationic detergent on B. anthracis, 670
Amprotropine Phosphate: See Colon, dilatation
Amyotonia: See Myatonia
Amyotrophy: See Atrophy, muscular
Anaphylaxis and Allergy: See also Asthma; etc.
allergy to virus and rickettsial vaccines; allergy to influenza A and B vaccine in children, 538
chronic allergic meningitis, 262
factors causing serum sickness, 267
office management of allergic child, *217
prophylaxis of serum sickness, 538
psychosomatic symptoms resulting from impact of war; observations in civilian medical practice, *703
reactions to antipneumococcal rabbit serum; failure to adsorb sensitizing antibody by Kieselguhr, Fullers' earth, Berkefeld filtrations and aluminum hydroxide, 520
so-called hyperergic unequal Pirquet reaction (Meyerhofer), 680
Anastomosis: See Aorta
Anemia, congenital hypoplastic; response to short wave diathermy, 128
Erythroblastic: See also Erythroblastosis, Fetal
erythroblastic; von Jaksch-Hayem-Luzet anemia, chances of survival in, 681
etiology and effects of minor grades in young children; studies at group of wartime day nurseries, 784
Hemolytic: See Jaundice, hemolytic
hyperchromic, produced by choline or acetylcholine and induced remission of both by folic acid or liver injection; probable mechanism of action of liver and folic acid in treatment of anemia, 256
megaloblastic, in infancy, 127
osmotic resistance of red cell populations in various anemias of infancy and childhood; preliminary observations, 130

Anemia—Continued
peculiarities in pathogenesis and treatment in children with alimentary dystrophy, 82
refractory, 257
relationship of anemia and scurvy, 128
reticuloendothelial immune serum (REIS); experimental anemia in bartonella infected rats produced by anti-blood immune serum, 783
serum iron and serum bilirubin levels in congenital anemia of newborn and icterus gravis neonatorum, 675
sickle cell; incidence of sicklemia in newborn Negro infant, 96
sickle cell; mechanism of sickling phenomenon, 131
splenic; Gaucher's disease, 784
splenic; 2 cases of Banti's syndrome; hepatomegaly with anemia, 257
Aneurysm; thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Anfanger, H.: Amino acid tolerance tests in children, *425
Angina: See Throat; Tonsils
Angrist, A.: Death of newborn infant from intratracheal insufflation, *76
Anomalies: See under names of organs and regions
Anorexia: See Appetite
Anoxemia: See Oxygen, deficiency
Anoxia: See Oxygen, deficiency
Anthelmintics: See Ascariasis; etc.
Anthrax; infection with Bacillus anthracis; comparison of antibacterial effects of calf thymus histone and quaternary ammonium cationic detergent on B. anthracis, 670
Antibiotics; antidiphtheritic staphyline; new antibiotic, 677
Antibodies: See Antigens and Antibodies
Antigens and Antibodies: See also Blood, groups; Lipoids; and under specific antigens and reactions, as Whooping Cough; etc.
reactions to antipneumococcal rabbit serum; failure to adsorb sensitizing antibody by Kieselguhr, Fullers' earth, Berkefeld filtrations and aluminum hydroxide, 520
Antitoxin: See Scarlet Fever; Tetanus; Whooping Cough; etc.
Antrum Tympanicum: See Mastoiditis
Anus: See Rectum
Aorta, anastomosis to pulmonary artery in certain types of congenital heart disease, 681
congenital laryngeal stridor caused by double aortic arch, 531
Apparatus: See also Instruments
practical urine or wet diaper signal, 263
respiratory air flow patterns in children, *625
Appelbaum, E.: Measles encephalitis, *25
Appetite; does milk between meals hamper appetite or food intake of child? 520
self selection of diet; appetite for B vitamins, 408
self selection of diet; appetite for protein, 408
Apt, L.: Relationship of anemia and scurvy, 128
Aron, H. C. S.: Plasma vitamin A and its clinical significance; review, *763
Ariboflavinosis: See under Riboflavin
Arrhythmia: See also Heart, rate
paroxysmal tachycardia in infant with Wolff-Parkinson-White syndrome, *474
Arsenic and Arsenic Compounds; symposium on pharmacology of dithiols, 268
Arteries: See also Aneurysm; Aorta; Arteriosclerosis; Blood pressure; Blood vessels; Endarteritis; Thrombosis; etc.
anastomosis of aorta to pulmonary artery in certain types of congenital heart disease, 681
arterial anoxemia in noncyanotic congenital cardiac disease, 106
pulmonary; thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Arthritis; possible relationship of pleuropneumonia-like organisms to Reiter's disease, rheumatoid arthritis and ulcerative colitis, 520
primary chronic infectious polyarthritis and subsepsis hyperergica, 265
tuberculosis and endocrine disturbance in child with multiple rheumatoid arthritis (Still's disease), 536
Ascariasis; complications requiring surgical treatment; report of case with abdominothoracic complications, *389
Aschoff-Klinge Nodule: See Rheumatic Fever
Ascorbic Acid: See also Scurvy
ice cream as source of riboflavin, carotene and ascorbic acid, 673
treatment of asthma in childhood with levorotatory ascorbic acid, 266
vitamin C content of milk in Budapest in 1945, 674
Asphyxia: See also Respiration
application of Pickworth's method to study of intracranial hemorrhage in asphyxiated premature infants, 84
Asthma: See also Anaphylaxis and Allergy
asthmatic attacks in childhood, 268
bronchial, *227
bronchial, ethyl-nor-epinephrine by inhalation for; comparison with epinephrine, 532
chronic bronchial, penicillin therapy in, 683
respiratory air flow patterns in children, *625
treatment in childhood with levorotatory ascorbic acid, 266
treatment in childhood with short waves, 266
treatment with rectal suppositories of aminophylline and sodium pentobarbital, 683
Atherosclerosis: See Arteriosclerosis
Atmosphere: See Air
Atresia: See under Lungs
Atrophy: See also under names of organs and regions, as Bones; etc.
Infantile: See Celiac Disease
muscular; congenital myelomuscular dystrophy, or Oppenheim-Werdnig-Hoffman disease, 415
Auricular Flutter: See Arrhythmia
Avitaminosis: See under Vitamins
Award; Kappa Delta award for research in orthopedic surgery, 774
recipient of award of Phi Delta Epsilon Graduate Club announced, 541

B C G: See Tuberculosis
Bacilli: See Bacteria
Backward Children: See Nervous and Mental Disabilities
Bacteremia: See under Influenza; Salmonella; Staphylococci; Streptococci; etc.
Bacteria: See also Diphtheria; Meningococci; Pneumococci; Typhoid; Viruses; etc.
acid-fast; immunization with vole bacillus, 411
Anthrax: See Anthrax
Bordet-Gengou: See Whooping Cough
Calmette-Guérin: See Tuberculosis
Corynebacteria: See under Diphtheria
Diphtheria: See under Diphtheria
Dysentery: See Dysentery
effect of sulfonamides on action of penicillin, 539
Flexner's: See Dysentery
Hemophilus: See Influenza; Whooping Cough
Influenza: See Influenza
Löffler's: See Diphtheria
Meningococci: See Meningococci
Pertussis: See Whooping Cough
Pneumococci: See Pneumococci
possible relationship of pleuropneumonia-like organisms to Reiter's disease, rheumatoid arthritis and ulcerative colitis, 520
presumptive medium for differentiating paracolon from Salmonella cultures, 520
primary purulent pyocyaneus meningitis in young child, 261
Proteus vulgaris meningitis, *454
Salmonella: See Salmonella

Bacteria—Continued
Shiga's: See Dysentery
Sonne's: See Dysentery
Streptococci: See Streptococci
virus synthesis, 110
Bacterium: See Bacteria
Bailey, C. C.: Treatment of hypoglycemic convulsions with alloxan, 107
BAL: See Arsenic and Arsenic Compounds
Baldness: See Alopecia
Banti's Disease: See Anemia, splenic
Barber, K. E.: Adrenogenital syndrome in children, 100
Barium: See Enemata
Barlow's Disease: See Scurvy
Barnett, H. L.: Measurement of glomerular filtration rate in premature infants, 113
Barré-Guillain Syndrome: See Guillain-Barré Syndrome
Bartonella; reticuloendothelial immune serum (REIS); experimental anemia in bartonella infected rats produced by anti-blood immune serum, 783
Baruch, D. W.: Psychosomatic symptoms resulting from impact of war; observations in civilian medical practice, *703
Bauer, A. R.: Irregularities of breathing in newborn period, *592
Baumler, A.: Renal function in renal rickets, 116
Beans: See also Soybeans
diet of carrot and powdered algarroba bean in treatment of diarrhea in infants, 82
Behavior; pinworm infection and childhood behavior, *746
Benjamin, H. R.: Acidosis in young infants; effect of ingestion of ammonium chloride, 114
Beriberi: See also Vitamins, B
fatal case in child in England, 777
Besman, L.: Vitamin A absorption in newborn, *576
Besnier-Boeck Disease: See Sarcoidosis
Beyer, K. H.: Clinical evaluation of caronamide for competitive inhibition of penicillin excretion, 104
Bicarbonate: See Carbonates
Bile Ducts, congenital occlusion of, 533
Biliary Tract: See Bile Ducts; Liver
Bill, A. H.: Experimental observations on grafting of blood vessels, 118
Binkley, E. L.: Intestinal absorption of vitamin A from oily and aqueous mediums in patients with celiac syndrome, 124
Birth Injuries: See Newborn Infants
Premature: See Premature Infants
Black, R. A.: BCG vaccination in Chicago, *381
"Blackout": See Syncope
Bladder; calculi during childhood, 534
inflammation; diagnosis and treatment of cystitis in women and children, 264
Blank, H.: Relation of chickenpox and herpes zoster; studies with electron miscroscope, 120
Blennorrhea: See Gonorrhea
Blood: See also Erythrocytes; Leukocytes; etc.
amino acid blood curve in pulmonary tuberculosis in children, 680
antitryptic property of blood serum of full term and premature infants, 84
carbonic anhydrase in blood and kidneys of premature infants, 109
Cells: See Erythrocytes; Leukocytes
chemistry; electrolyte balance studies on premature infants on diet of evaporated milk, *49
chemistry; metabolic studies in louse-borne typhus; observations on serum electrolyte pattern, serum protein partition, and nitrogen balance, 526
chloride content of normal and premature infants, 83
cholesterol; essential xanthomatosis; 15 years' observation on case occurring in family with hypercholesteremia, *164
Circulation: See also Arteries; Capillaries; Heart; etc.
Blood—Continued
circulation; kidney function and circulatory collapse; postsyncopal oliguria, 673
Coagulation: See Blood, prothrombin
comparison of vitamin $B_1$ levels in mothers and their newborn infants, *736
Diseases: See Anemia; Hemopoietic System; Leukemia; etc.
Electrolytes: See Blood, chemistry
enzymes; carbonic anhydrase in blood and kidneys of premature infants, 109
Groups: See also Blood, transfusion
groups; prevention of Rh isoimmunization due to blood transfusion, 523
groups; Rh factor, 529
groups; Rh factor and erythroblastosis, 83, 409
groups; severe erythroblastosis fetalis and icterus precox; occurrence of both diseases in same family, *351
hematology of malignant tumors in childhood, 270
influenza vaccine; study of serologic responses and incidence of reactions following subcutaneous and intradermal inoculation, *149
medical head of Red Cross Blood Program named, 541
plasma α-amino acid nitrogen and serum lipids of surgical patients, 89
plasma vitamin A and its clinical significance; review, *763
Platelets: See Purpura
Prothrombin: See also Blood, coagulation
prothrombin time in infants with malaria or leishmaniasis, 678
relationship of blood pyruvic acid level to deficiency states in infancy and childhood, 777
Serum: See Serum; and other subheads under Blood
serum iron and serum bilirubin levels in congenital anemia of newborn and icterus gravis neonatorum, 675
Sugar: See also Blood, chemistry; Carbohydrates; Dextrose; Diabetes Mellitus; etc.
sugar; hypoglycemia in children, 95
sugar; treatment of hypoglycemic convulsions with alloxan, 107
Transfusion: See also Anemia; Blood, groups
transfusion in treatment of alimentary dystrophies in children, 521
transfusion, prevention of Rh isoimmunization due to, 523
transfusion; spread of typhoid fever in children in Brno area in 1945, 678
Vessels: See also Arteries; Capillaries; Endarteritis; etc.
vessels, grafting of; experimental observations, 118
Body, Mind and Body: See under Mind
Temperature: See Temperature
Boet, J. N.: Lacuna skull and craniofenestria, *315
Bones: See also under names of bones
atrophy; familial hepatic cirrhosis and osteoporosis, 534
Diseases: See Osteomyelitis; etc.
Dystrophy: See Bones, atrophy
fragility; congenital fragilitas ossium, 265
fragility; congenital pseudarthrosis of tibia and its relation to fragilitas ossium; report of case and review of literature, *201
fragility; fragilitas ossium (Lobstein's disease), 529
fragility; 3 cases of osteopsathyrosis idiopathica in 3 generations, 265
lesions encountered during infancy, 415
marrow; hematology of malignant tumors in childhood, 270
marrow, normal and pathologic physiology of, *482
marrow; recurrent constitutional infantile panmyelopathy (Fanconi), 265
prevalance and distribution of ossification centers in newborn infant, *355

Bones—Continued
reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503

Book Reviews:
Acrodinia infantil; J. P. Garrahan and R. R. L. Sampayo, 549
Actualités de médecine infantile, 690
Baby's First Two Years; R. M. Smith, 138
Breast Feeding: Guide to Natural Feeding of Infants; F. C. Naish, 692
Child and Adolescent Life in Health and Disease; W. S. Craig, 136
Contemporary American Family; E. R. Groves and G. H. Groves, 139
Control of Pain in Childbirth: Anesthesia, Analgesia, Amnesia; C. B. Lull and R. A. Hingson, 786
Current Trends in Clinical Psychology; A. W. Combs, H. E. Durkin, M. L. Hutt, J. G. Miller, J. L. Moreno and F. C. Thorne, 547
Diseases of Ear, Nose and Throat; W. W. Morrison, 548
Elements de puériculture à l'usage des étudiants et des infirmières des éducateurs et des parents: La formation du corps et de l'esprit de l'enfant; B. Weill-Hallé, 546
EMIC (Emergency Maternity and Infant Care): Study of Administrative Experience; N. Sinai and O. W. Anderson, 273
Epilepsy; W. G. Lennox and others, 542
Essentials of Fevers; G. E. Breen, 272
Essentials of Pathology; L. W. Smith and E. S. Gault, 549
Fatty Liver Disease in Infants in British West Indies; J. C. Waterlow, 691
Foot and Ankle: Their Injuries, Diseases, Deformities and Disabilities; P. Lewin, 135
Give Your Child a Chance; L. Turner, 271
Hemorrhage; G. Shwartzman and others, 548
Hospital Trends and Developments, 1940-1946; A. C. Bachmeyer and G. G. F. Hartman, 550
How Parents and Teachers Can Help Prevent Stuttering in Children: Eight Keys to Normal Speech; L. Lassers, 275
Invaginación intestinal en el niño; A. Lagos García, 274
Manual of Corrective Speech Exercises; Nathanson and Nathanson, 549
Melk; in het bijzonder als zuigelingenvoedsel; J. H. De Haas and I. O. Meulemans, 689
Motivation in Health Education; New York Academy of Medicine, Health Education Conference, 1947, 137
1948 Year Book of Pediatrics; H. G. Poncher, 548
Otitis media en el lactante: Estudio fisiopatológico y clinico; M. Fairén Guillén, 690
Paediatrics for Nurses; A. G. Watkins, 271
Phtisiologie infantile; P. Lowys, 688
Polycories (Storage Diseases); R. Debré, 688
Problem of Cerebral Palsy Today; M. A. Peristein, 549
Progress in Neurology and Psychiatry, 1948; E. A. Spiegel and others, 273
Psychiatric Examination of School Child; M. B. Hall, 274
Psychopathology and Education of Brain-injured Child; A. A. Strauss and L. E. Lehtinen, 135
Recent Advances in Obstetrics and Gynaecology; A. W. Bourne and L. H. W. Williams, 545
Reflessi sociali della tonsillectomia; Osservazioni sulle persone senza tonsille; G. Calderoni, 548
Skeletal Tuberculosis; V. Sanchis Olmos, 271

Book Reviews—Continued
Strabismus: Clinical Handbook; G. J. Epstein, 274
Syndrome de diabète rénal avec rachitisme ostéomalacique incurable et troubles du développment chez l'enfant; R. Debré, 691
Teaching Psychotherapeutic Medicine; H. Leland Witmer, 546
Textbook of Bacteriology: Application of Bacteriology and Immunology to Diagnosis, Specific Therapy and Prevention of Infectious Diseases for Students and Practitioners of Medicine and Public Health; H. Zinsser, 689
Twentieth Century Speech and Voice Correction; E. Fröschels, 547
Viral and Rickettsial Infections of Man; T. M. Rivers, 272
Widening Horizons in Medical Education; Study of Teaching of Social and Environmental Factors in Medicine, 1945-1946, 138

Bouillaud's Disease: See Rheumatic Fever
Bowels: See Intestines
Brain: See also Dura Mater; Meninges; etc.
application of Pickworth's method to study of intracranial hemorrhage in asphyxiated premature infants, 84
cysts; porencephaly, 685
Diseases: See Encephalitis; etc.
electroencephalography of newborn; studies on normal, full term infants while awake and while drowsy, *310
Inflammation: See Encephalitis
retardation of postnatal development of kidneys in persons with early cerebral lesions, *185
Brainerd, H.: Influenza vaccine; study of serologic responses and incidence of reactions following subcutaneous and intradermal inoculation, *149
Brancato, G. J.: Severe erythroblastosis fetalis and icterus precox; occurrence of both diseases in same family, *351
Breast, Feeding: See Infant Feeding; Milk, human
Milk: See Infant Feeding; Lactation; Milk, human
Breathholding: See Respiration
Bright's Disease: See Nephritis
Brodsky, W. A.: Mineral metabolism in rats with alloxan-induced diabetes, 133
Bronchi, Dilatation: See Bronchiectasis
Diseases: See Bronchiectasis
foreign body in, *228
obstruction; roentgen changes associated with pancreatic insufficiency in early life, 260
Spasm: See Asthma
Bronchial Glands: See Lymph Nodes
Bronchiectasis; respiratory air flow patterns in children, *625
Bruck, E.: Renal function in renal rickets, 116
Bruyn, H. B.: Influenza vaccine; study of serologic responses and incidence of reactions following subcutaneous and intradermal inoculation, *149
Bumbalo, T. S.: Renal function in renal rickets, 116

**Calcium** and Calcium Compounds; utilization of calcium in soybean products and other calcium sources, 408
vitamin D metabolism; effects of intramuscular injection of vitamin D on metabolism of calcium and phosphorus in infants, 409
Calculi: See Bladder
Calomel: See Diuresis and Diuretics
Calories: See Metabolism
Cancer: See Epithelioma; Sarcoma; Tumors; and under names of organs and regions
Canities: See Hair, color of
Capillaries: See also Blood vessels
resistance in normal infants (Hecht's test), 91

Carbohydrates: See also Dextrose; etc.
Metabolism: See also Blood sugar; Dextrose; Diabetes Mellitus; etc.
metabolism of newborn infants, 776
Carbon Dioxide: See also Metabolism; Respiration
irregularities of breathing in newborn period, *592
Carbonates; acidosis and bicarbonate serotherapy, 671
Carbonic Anhydrase: See Blood, enzymes
Carbuncle, Renal: See Nephritis
Carcinoma: See under names of organs and regions
Cardiomegaly: See Heart, hypertrophy
Cardiospasm: See under Stomach
Cardiovascular Diseases: See Blood, vessels; Heart
Cardiovascular System: See Arteries; Heart; etc.
Caries, Dental: See Teeth
Carob flour, treatment of infantile diarrhea with, 534
Caronamide: See Sulfonamides
Carotene: See also Vitamins, A
ice cream as source of riboflavin, carotene and ascorbic acid, 673
Carriers: See Diphtheria; Poliomyelitis; Scarlet Fever; Typhoid
Carrots; diet of carrot and powdered algarroba bean in treatment of diarrhea in infants, 82
use of carrot soup in infantile dyspepsias, 671
Casein; comparatiive nutritive value of casein and of lactalbumin for man, 108
hydrolysate; metabolism and disposal of casein hydrolysate administered intravenously, 126
Catabolism: See Metabolism
Cataract; relationship of rubella in mother to congenital cataracts in child, 780
Cathartics; tartaric acid poisoning from purgative lemonade, 269
Catheterization: See Heart, abnormalities
Celiac Disease; amino acid tolerance tests in children, *425
intestinal absorption of vitamin A from oily and aqueous mediums in patients with celiac syndrome, 124
Cells, Permeability: See Osmosis and Permeability
Cerebrospinal Fever: See Meningitis
Cerebrospinal Fluid: See also Spinal Puncture
concentration of penicillin in spinal fluid following intramuscular administration in neurosyphilis, 528
nicotinic acid content of spinal fluid of children with poliomyelitis, 781
Cerebrum: See Brain
Cervix: See under Uterus
Cevitamic Acid: See Ascorbic Acid
Chauffard-Still Disease: See under Arthritis
Chemotherapy: See under names of diseases and chemotherapeutic agents, as Diarrhea; Leukemia; Meningitis; Penicillin; Pneumonia; Poliomyelitis; Respiratory Tract; Scarlet Fever; Sulfonamides; Tuberculosis; etc.
Chest: See Thorax
Chicago, BCG vaccination in, *381
Chickenpox; relation of chickenpox and herpes zoster; studies with electron microscope, 120
relation of herpes zoster to, 677
report of case of iridocyclitis associated with, 780
virus of, 87
Child Welfare; compulsory nursery attendance for children from age of 5 years, 778
etiology and effects of minor grades of anemia in young children; studies at group of war-time day nurseries, 784
pediatric report on medical conditions in Puerto Rico, *665
pediatric report on medical conditions in Virgin Islands, *662
preventive medicine of today, 540
Children: See also Infants; Newborn Infants; Pediatrics; Schools; etc.
child in school, 94
Growth: See Growth
multiple basal cell epitheliomas in 5 year old child, *647
Nervous and Mental Disabilities: See Nervous and Mental Disabilities
Nutrition: See Diet and Dietetics; Nutrition; Schools; etc.
standard, unipolar limb and precordial leads in children and adolescents with inactive rheumatic fever, *610
therapeutic technics used with special group of disturbed children, 94
tuberculin tests of school children, 255
Chloremia: See Blood, chlorides
Chlorides in Blood: See Blood, chlorides
Choanae: See Nose
Cholera, Infantile: See Diarrhea
Cholesteremia: See Blood, cholesterol
Cholesterol in Blood: See Blood, cholesterol
Choline and Choline Derivatives; hyperchromic anemia produced by choline or acetylcholine and induced remission of both by folic acid or liver injection; probable mechanism of action of liver and folic acid in treatment of anemia, 256
Chorea; clinicopathologic studies in case, 93
effect and therapeutic use of "nirvanol" (phenylethyl hydantoin), 261
treatment with diphenylhydantoin sodium ("dilantin"), 93
Choremis, C.: Epidemic of diphtheria in Athens, Greece during winter 1946-1947, *437
Christensen, H. N.: Diagnostic test for pancreatic insufficiency, 123
Christian-Schüller Syndrome: See Schüller-Christian Syndrome
Christie, A.: Prevalence and distribution of ossification centers in newborn infant, *355
Chung, A. W.: Mineral, fat and nitrogen metabolism in infantile diarrhea, 111
Cibazol®: See Necrosis
Circulatory System: See Blood, circulation; Blood vessels; Heart
Cirrhosis: See Liver
Cohen, S. S.: Virus synthesis, 110
Colds: See under Respiratory Tract
Colic; clinical manifestation of allergy, *220
Colitis; possible relationship of pleuropneumonia-like organisms to Reiter's disease, rheumatoid arthritis and ulcerative colitis, 520
Colon: See also Intestines; Sigmoid
dilatation; congenital megacolon treated with massive doses of syntropan (amprotropine phosphate), 259
Inflammation: See Colitis
Intussusception: See Intussusception
Coma: See under Blood, sugar; Diabetes Mellitus
Communicable Diseases: See also Exanthems; Immunity; Measles; Meningitis; Syphilis; etc.
combined vaccination and protection of infants and general population against infectious diseases, 676
Complement Fixation: See Whooping Cough
Consonants: See Speech
Constitution; recurrent constitutional infantile panmyelopathy (Fanconi), 265
Contagious Diseases: See Communicable Diseases
Convalescent Serum: See Measles; Pneumonia; Scarlet Fever; etc.
Convulsions; treatment of hypoglycemic convulsions with alloxan, 107
Cooley's Anemia: See Anemia, erythroblastic
Copps, L. A.: Reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503

Coriell, L. L.: Relation of chickenpox and herpes zoster; studies with electron microscope, 120
Corneal, F. B.: Clinical evaluation of caronamide for competitive inhibition of penicillin excretion, 104
Corynebacteria: See under Diphtheria
Coryza: See under Respiratory Tract; Rhinitis
Cox, W. M., Jr.: Comparative nutritive value of casein and of lactalbumin for man, 108
Craniofenestria: See Cranium
Cranium: See also Temporal Bone; etc.
Abnormalities: See Microcephaly; etc.
lacuna skull and craniofenestria, *315
premature synostosis of skull in infants, 415
thrombosis of dural sinuses, *285
Crawford, J.: Treatment of hypoglycemic convulsions with alloxan, 107
Crawford, R. P.: Incidence of sicklemia in newborn Negro infant, 96
Creatine and Creatinine; urinary glycocyamine, creatine and creatinine; their excretion in normal infants and children, *740
Crouzon's Disease: See under Cranium
Custer, S.: Reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Cyanosis; unequal distribution in congenital cardiac diseases, 682
volume of pulmonary circulation and its importance in production of cyanosis and polycythemia, 531
Cystitis: See Bladder, inflammation
Cysts: See under names of organs and regions, as Brain; etc.

Dancis, J.: Myotonia congenita; experimental study, 132
Danielson, W. H.: Intestinal absorption of vitamin A from oily and aqueous mediums in patients with celiac syndrome, 124
Darby, W. J.: Influence of pteroylglutamic acid on tyrosine metabolism in scorbutic guinea pig, 128
Darrow, D. C.: Treatment of diarrhea with potassium and sodium salts, 105
Davis, V. I.: Sulfur amino acid requirement of infant, 125
Day, R. L.: Carbonic anhydrase in blood and kidneys of premature infants, 109
Deafness: See also Otitis Media
osteopsathyrosis idiopathica; 3 cases in 3 generations, 265
Death; loss of heat as cause of death in premature infants, 778
of newborn infant from intratracheal insufflation, *76
Rate: See Infant Mortality
Sudden: See Lymphatism
DeBakey, E. G.: Complications of ascariasis requiring surgical treatment; report of case with abdominothoracic complications, *389
Defectives: See Feeblemindedness; Nervous and Mental Disabilities; etc.
Deficiency Diseases: See also Diet and Dietetics; Nutrition; Vitamins; etc.; and under names of various diseases, as Beriberi; Scurvy; etc.
canities and alopecia in children associated with avitaminosis; preliminary report, 408
Deformities: See under names of organs and regions
Dehydration; restoration of water in organism, 672
Delsterol: See Vitamins, D
Denhoff, E.: Pinworm infection and childhood behavior, *746
Dent, C. E.: Aminoaciduria in Fanconi syndrome (tubular renal rickets), 103
Dentin: See Teeth
Dentition: See Teeth
Dermatitis, Hemorrhagic: See Purpura
Dermatomycosis: See Mycosis
Dermatomyositis; 2 cases, 267
Dermatoses: See Skin, diseases; etc.
Desensitization: See Anaphylaxis and Allergy
Detergents; infection with Bacillus anthracis; comparison of antibacterial effects of calf thymus histone and quaternary ammonium cationic detergent on B. antracis, 670
Dextrose: See also Blood, sugar
carbohydrate metabolism of newborn infants, 776
Diabetes Mellitus: See also Blood, sugar
associated with mongolism; case of child 2 years of age, *659
diabetic nanism, 536
diets for children with, 95
effects of water soluble vitamins in experimental diabetes; further studies, 535
mineral metabolism in rats with alloxan-induced diabetes, 133
treatment with reference to child treated with 3:1 insulin, 535
Diagnosis; commonest diagnostic errors in diseases of children, 539
Diamond, L. K.: Effect of chemotherapeutic agents on acute leukemia; folic acid antagonists, 129
Diapers; practical urine or wet diaper signal, 263
Diaphragm, Hernia: See Hernia, diaphragmatic
Diarrhea: See also Dysentery
acute, in children, 258
diet of carrot and powdered algarroba bean in treatment, 82
epidemic in newborn in Milan; bacteriologic study of pathogenic agents, 410
epidemic, of newborn, 779
infantile, chemotherapy in, 685
infantile, mineral, fat and nitrogen metabolism in, 111
infantile; treatment with carob flour, 534
meeting an emergency situation in epidemic of diarrhea and enteritis of newborn, 779
treatment with potassium and sodium salts, 105
use of carrot soup in infantile dyspepsias, 671
Diathermy: See under names of diseases, organs and regions, as Osteomyelitis; etc.
Diathesis, Allergic: See Anaphylaxis and Allergy; Asthma
Hemorrhagic: See also Purpura; Scurvy; etc.
hemorrhagic, in infantile leishmaniasis, 527
Dick Test: See Scarlet Fever
Dickstein, B.: Osmotic resistance of red cell populations in various anemias of infancy and childhood; preliminary observations, 130
Diet and Dietetics: See also Nutrition; Vitamins; and under names of foods, as Carrots; Fat; Milk; etc.
adequate diet in tuberculosis, 412
diets for children with diabetes mellitus, 95
hypovitaminosis A in school children in Rome in relation to war diets, 522
self selection of diet; appetite for B vitamins, 408
self selection of diet; appetite for protein, 408
Diethylstilbestrol: See Estrogens
Digestive System: See also Intestines; Pancreas; Stomach; etc.
blood transfusions in treatment of alimentary dystrophies in children, 521
peculiarities in pathogenesis and treatment of anemia in children with alimentary dystrophy, 82
Dilantin: See Chorea
Diphenylhydantoin Sodium: See Chorea
Diphtheria and poliomyelitis, 525
antidiphtheritic staphyline; new antibiotic, 677
cutaneous, 780
diphtheritic heart disease, 524
epidemic in Athens, Greece during winter of 1946-1947, *437
factors causing serum sickness, 267

Diphtheria—Continued
postdiphtheritic polyneuritis with paralysis; report of case, 524
present treatment, 677
results of Schick testing 3 years after injection of protamine diphtheria toxoid, *450
Diplegia: See Paralysis
Directory of pediatric societies, 140, 276, 416, 551, 693, 787
Disease: See also Diagnosis; Medicine; Public Health; etc.
commonest diagnostic errors in diseases of children, 539
Disk, Intervertebral: See under Spine
Dislocations: See under names of joints
Dithiols: See Arsenic and Arsenic Compounds
Diuresis and Diuretics: See also Kidneys; Water, metabolism; etc.
anaphylactic reactions to mercurial medicaments in children, with reference to mild mercurous chloride (calomel) sickness, 267
electrolyte studies in nephrosis; induction of diuresis by administration of salts of sodium and potassium, 102
studies on nephrotic edema; water and electrolyte relationships during diuresis, 115
Dixon, J. L.: Complications of ascariasis requiring surgical treatment; report of case with abdominothoracic complications, *389
Dolgin, J.: Measles encephalitis, *25
Dolgopol, V. B.: Measles encephalitis, *25
Dorfman, A.: Relationship of hyaluronidase to rheumatic fever, 106
Dropsy: See Erythroblastosis, Fetal; etc.
Drowsiness: See Sleep
Du Bois's Sign: See Fingers and Toes
Dubs, E. J.: Osmolarity of urine in infant, 114
Ductless Glands: See Endocrine Glands
Dunning, M. F.: Standard, unipolar limb and precordial leads in children and adolescents with inactive rheumatic fever, *610
Du Pan, R. M.: Carbonic anhydrase in blood and kidneys of premature infants, 109
Dura Mater: See also Meninges
thrombosis of dural sinuses, *285
Dwarfism: diabetic nanism, 536
renal: aminoaciduria in Fanconi syndrome (tubular renal rickets), 103
renal function in renal rickets, 116
Dysentery: See also Diarrhea
bacillary, 782
epidemic in 1945 in Budapest, 87
Dysostosis Multiplex: See Lipochondrodystrophy
Dyspepsia: See Diarrhea
Dysraphia: See Spina Bifida
Dystrophy: See Lipochondrodystrophy
in Infants: See under Nutrition
Muscular: See Atrophy, muscular; etc.
Dysvitaminosis: See under Vitamins

Ear: See also Deafness; etc.
Diseases: See under Otitis Media
pit (congenital aural and pre-auricular fistula), 92
Eberthella: See Typhoid
Economic Conditions; pediatric report on medical conditions in Virgin Islands, *662
Edema, Nephrotic: See Nephritis
Education: See also Schools
Postgraduate Center for Psychotherapy, Inc., offers training courses, 253
University of Arkansas School of Medicine to give postgraduate course in pediatrics, 254
Effusions: See Pleurisy
Ehemann, B.: Electroencephalography of newborn; studies on normal, full term infants while awake and while drowsy, *310
Electrocardiogram: See under Heart
Electrocoagulation: See under specific headings
Electroencephalography: See under Brain
Electrolytes: See also Blood, chemistry
electrolyte balance studies on premature infants on diet of evaporated milk, *49
electrolyte studies in nephrosis; induction of diuresis by administration of salts of sodium and potassium, 102
studies on nephrotic edema; water and electrolyte relationships during diuresis, 115
Electron Microscope: See Microscopy
Elementary Schools: See Schools
Elman, R.: Comparative nutritive value of casein and of lactalbumin for man, 108
Embolism: See Thrombosis
Emotions; psychosomatic symptoms resulting from impact of war; observations in civilian medical practice, *703
therapeutic technics used with special group of disturbed children, 94
Empyema, streptococcic, in 15 day old infant treated with penicillin given intrapleurally, 410
Encephalitis; measles encephalitis, *25
periaxialis diffusa; subacute juvenile form of familial diffuse cerebral sclerosis (type Scholz), 261
susceptibility of Macacus rhesus to virus of tick-borne encephalitis, 670
Endarteritis; thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Endocarditis, subacute bacterial, penicillin in, 90
Endocardium: See Endocarditis; Heart
Endocrine Glands: See also Metabolism; and under names of glands
endocrinology in childhood, 536
tuberculosis and endocrine disturbance in child with multiple rheumatoid arthritis (Still's disease), 536
Endocrine Therapy: See under names of glands and hormones, as Adrenal Preparations; etc.
Endometriosis in youth, 263
Enemata; colonic intussusception; report of 3 cases in which patients were treated with barium sulfate enemas under pressure, 414
treatment of acute intussusception by enema of roentgenologic contrast medium, *303
Energy Exchange: See Metabolism
Enteritis: See under Colitis; Diarrhea; Dysentery; Intestines; etc.
Enterobiasis: See Oxyuriasis
Enzymes: See also Blood, enzymes; Pancreas; and under names of enzymes, as Trypsin; etc.
virus synthesis, 110
Eosinophils: See also Leukocytes
criteria of eosinophilia, 90
reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Epidermis: See Skin
Epinephrine: See Adrenal Preparations
Epithelioma, multiple basal cell, in 5 year old child, *647
Epituberculosis: See Tuberculosis, pulmonary
Epstein, S.: Reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Equilibrium, Acid-Base: See Acid-Base Equilibrium
Erythema nodosum in 2 siblings, 539
Erythremia: See Polycythemia
Erythroblastosis, Fetal: See also Hemopoietic System
alterations in hemopoiesis in, 675
and Rh factor, 83, 409
severe, and icterus precox; occurrence of both diseases in same family, *351
Erythrocyanosis: See Cyanosis

Erythrocytes, Elliptical: See Anemia, sickle cell
osmotic resistance of red cell populations in various anemias of infancy and childhood; preliminary observations, 130
Estrogens; effect of stilbestrol on resistance to experimental poliomyelitis, 780
Ethylene Glycol; cross infections in infants' wards and their control by use of triethylene glycol vapor, 122
Ethyl-Nor-Epinephrine: See Adrenal Preparations
Ethylstilbestrol: See Estrogens
Ewart, F. E., Jr.: Thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Exanthems: See also Communicable Diseases; and under names of exanthematous diseases
primary chronic infectious polyarthritis and subsepsis hyperergica, 265
Exsiccosis: See Dehydration
Extrasystole: See Arrhythmia
Extremities, Paralysis: See Poliomyelitis
Eyes: See under names of special structures and diseases
Diseases: See Cataract; Trachoma; etc.

**Fainting:** See Syncope
Family; speech behavior of infants without families, 682
Fanconi Syndrome: See Dwarfism, renal
Farber, S.: Effect of chemotherapeutic agents on acute leukemia; folic acid antagonists, 129
Fat: See also Lipoids
in Feces: See Feces, fat in
in Milk: See under Milk
mineral and nitrogen metabolism in infantile diarrhea, 111
Feces, fat in; absorption of emulsified lipids from intestine in steatorrhea, 111
fat in; vitamin A absorption in newborn, *576
further studies of human milk, 776
thiamine metabolism in man; thiamine balance; normal requirement of vitamin $B_1$ and role of fecal thiamine in human nutrition, 672
Feeblemindedness: See also Idiocy
retardation of postnatal development of kidneys in persons with early cerebral lesions, *185
Feeling: See Emotions
Feldstein, G. J.: Breast and bottle shy infant at 21 years of age, *374
Fellowships with Rochester Child Health Institute available, 254
Ferments: See Enzymes
Fetus: See Pregnancy; Umbilical Cord
Asphyxia: See Asphyxia
Injuries: See Newborn Infants
Fever: See also Malaria; Temperature; Typhoid; etc.
Cerebrospinal: See Meningitis
Enteric: See Salmonella
Eruptive: See Exanthems
Rocky Mountain Spotted: See Rocky Mountain Spotted Fever
Spotted: See Meningitis
vitamin A levels in febrile states, *768
Fibrosis: See Pancreas
Fibrositis: See Rheumatism
Fifth Exanthematous Disease: See Megalerythema
Fingers and Toes; so-called infantile little finger (Du Bois's sign), 540
Fistula; ear pit (congenital aural and preauricular fistula), 92
Flatau-Schilder Disease: See Encephalitis periaxialis diffusa
Flatulence; effect of sulfathalidine and sulfamethazine on gaseous distention in obstructed small intestine of cats, 259
Flett, J., Jr.: Treatment of diarrhea with potassium and sodium salts, 105
Flood, R. G.: Urinary glycocyamine, creatine and creatinine; their excretion in normal infants and children, *740
Flour: See under Carob
Fluorides; developmental opacities of teeth in New England community; their relation to fluorine toxicosis, *61
inhibition of dental caries by ingestion of fluoride vitamin tablets, 268
Fluorine: See Fluorides
Folic Acid: See Vitamins, B
Food: See Diet and Dietetics; Nutrition; Vitamins; and under names of various foods, as Carrots; Fat; Milk; etc.
Poisoning: See Salmonella
Foot: See Fingers and Toes; etc.
Foreign Bodies: See also under names of organs and regions
in bronchus, *228
in upper air passages; spikes of grain, 785
Fox, C. L., Jr.: Electrolyte studies in nephrosis; induction of diuresis by administration of salts of sodium and potassium, 102
Fox, H.: Metabolism and disposal of casein hydrolysate administered intravenously, 126
Fragilitas Ossium: See Bones, fragility
Friderichsen-Waterhouse Syndrome: See Adrenals, hemorrhage
Friedman, S.: Relation of hemolytic streptococcus to rheumatic fever; effect of streptococcic spreading factor in rheumatic patients and others, *561
Fruits and Vegetables: See under names of fruits and vegetables
Fungi: See Mycosis; etc.

**Galán, E.:** Nephrosis in children; observations on 84 patients; clearance and saturation tests, *328
Gall Ducts: See Bile Ducts
Gargoylism: See Lipochondrodystrophy
Gastroenteritis: See Diarrhea; Salmonella
Gastrointestinal Tract: See Duodenum; Intestines; Rectum; Stomach; etc.
Gaucher's Disease: See Anemia, splenic
Gee's Disease: See Celiac Disease
Gelatin; amino acid tolerance tests in children, *425
Genitourinary Tract: See also under organs of genitourinary tract
agenesis of abdominal muscles with associated malformation of; clinical syndrome, *362
German Measles: See Rubella
Gezon, H. M.: Penicillin sensitivity of group A beta hemolytic streptococci in vitro and in vivo, 110
Gibbs, G. E.: Effect of pancreatin on curves for vitamin A absorption as aid to diagnosis in pancreatic deficiency, 124
Glands: See under names of glands, as Adrenals; Endocrine Glands; Lymph Nodes; etc.
Glaser, J.: Office management of allergic child, *217
Glaser, K.: Comparative efficacy of vitamin D preparations in prophylactic treatment of premature infants, *1
Glomerulonephritis: See Nephritis
Glucose: See Dextrose
Glycemia: See Blood sugar
Glycocyamine; urinary glycocyamine, creatine and creatinine; their excretion in normal infants and children, *740
Glycosuria: See Dextrose; Diabetes Mellitus
Gobbel, W. G., Jr.: Experimetal peanut oil pneumonia in rabbits, *175
Goebel, G.: Microcephalia as complication of pneumococcic meningitis, *642
Gonococci, Infections: See under Gonorrhea
Gonorrhea, infantile; ambulatory treatment with penicillin by mouth, 528
Gordon, H. H.: Acidosis in young infants; effect of ingestion of ammonium chloride, 114
Graduate Course: See Education
Grafts: See under Blood vessels; etc.
Grain; foreign bodies in upper air passages; spikes of grain, 785
Granulocytes: See Leukocytes

Granuloma; reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Gravidity: See Pregnancy
Grip: See Influenza
Gross, R. E.: Experimental observations on grafting of blood vessels, 118
Grossman, A.: Electrolyte balance studies on premature infants on diet of evaporated milk, *49
Growth: See also Diet and Dietetics; Nutrition; etc.
comparative efficacy of vitamin D preparations in prophylactic treatment of premature infants, *1
comparative nutritive value of casein and of lactalbumin for man, 108
developmental graph for first year of life, 83
normal, and development during adolescence, 83
Guest, G. M.: Mineral metabolism in rats with alloxan-induced diabetes, 133
Guillain-Barré Syndrome; differential diagnosis of meningoradiculitis, 93
György, P.: Treatment of infantile congenital syphilis; results with aqueous penicillin alone in 60 infants followed for average of 2 years after treatment, *729

Hadley, W. P.: Lysozyme in urine of nephrotic children, 115
Haemophilus Influenzae: See Influenza
Pertussis: See Whooping Cough
Hahn, P. F.: Iron absorption in premature and full term infants, 107
Hair, color of; canities and alopecia in children associated with avitaminosis; preliminary report, 408
Diseases: See Alopecia
Hallman, N.: Studies on nephrotic edema; water and electrolyte relationships during diuresis, 115
Hand: See Fingers and Toes
Hand - Schüller - Christian Syndrome: See Schüller-Christian Syndrome
Handicapped: See Feeblemindedness
Hare, K.: Measurement of glomerular filtration rate in premature infants, 113
Hare, R.: Measurement of glomerular filtration rate in premature infants, 113
Harris, T. N.: Relation of hemolytic streptococcus to rheumatic fever; effect of streptococcic spreading factor in rheumatic patients and others, *561
Hay Fever: See Anaphylaxis and Allergy
Hayem-Luzet-von Jaksch Disease: See Anemia
Head: See Cranium
Health: See Public Health
Hearing: See Deafness
Heart: See also Arrhythmia; Blood, circulation; under names of various conditions, as Rheumatic Fever; etc.
Abnormalities: See also Heart, hypertrophy; etc.
abnormalities; anastomosis of aorta to pulmonary artery in certain types of congenital heart disease, 681
abnormalities; arterial anoxemia in noncyanotic congenital cardiac disease, 106
abnormalities; heart catheterization in investigation of congenital heart disease, 529
abnormalities; paroxysmal tachycardia in infant with Wolff-Parkinson-White syndrome, *474
abnormalities; unusual congenital cardiac defect, 681
balance and electrocardiographic studies in potassium deficiency, 132
Diseases: See also Endocarditis; Pericarditis; etc.
Diseases, Congenital: See Heart, abnormalities
diseases, diphtheritic, 524
fatal case of beriberi in child in England, 777
hypertrophy, infantile, 530
Heart—Continued
hypoxia tolerance test of heart in children, 257
onchocerciasis in young cardiopathic patient, 527
rate; recurrent paroxysmal tachycardia in young infant, *753
Rheumatic Disturbances: See Rheumatic Fever
standard, unipolar limb and precordial leads in children and adolescents with inactive rheumatic fever, *610
unequal distribution of cyanosis in congenital cardiac diseases, 682
Valves: See under names of valves
Heat: See also Temperature
loss as cause of death in premature infants, 778
Production: See Metabolism
Heavenrich, R. M.: Amino acid tolerance tests in children, *425
Hecht's Test: See Capillaries
Heine-Medin Disease: See Poliomyelitis
Hemangioma, congenital, of parotid gland, 258
treatment of cutaneous hemangioma with radium, 537
Hematology: See Blood; Hemopoietic System
Hemochromatosis; pulmonary hemosiderosis, 684
Hemoglobin and Hemoglobin Compounds: See Anemia; Blood; Erythrocytes; Hemolysis; etc.
Hemolymphangioendothelioma, congenital multiple, of skin, 538
Hemolysis: See also Erythroblastosis, Fetal; Erythrocytes; Jaundice; Streptococci
toxic and immunologic properties of pneumococcal hemolysin, 525
Hemophilus: See Influenza; Whooping Cough
Hemopoietic System: See also Erythrocytes; Leukocytes
alterations in hemopoiesis in fetal erythroblastosis, 675
Diseases: See Anemia; Erythroblastosis, Fetal; etc.
normal and pathologic physiology of bone marrow, *482
Hemorrhage: See Adrenals, hemorrhage; Purpura; Retina; etc.
Hemosiderosis: See Hemochromatosis
Henoch's Purpura: See Purpura
Hepatic Ducts: See Bile Ducts
Hepatitis: See Liver
Hepatomegaly: See Liver, hypertrophy
Hernia, diaphragmatic, in infant; report of case, 685
diaphragmatic, new conception of, 258
Herpes; effect of herpes virus of filtrate obtained from Salmonella typhosa, 121
zoster; relation of chickenpox and herpes zoster; studies with electron microscope, 120
zoster, relation to chickenpox, 677
Herter-Gee Disease: See Celiac Disease
Hill, F. S.: Electroencephalography of newborn; studies on normal, full term infants while awake and while drowsy, *310
Hirsch, D. R.: Myotonia congenita; experimental study, 132
Hirschsprung's Disease: See Colon, dilatation
Histone; infection with Bacillus anthracis; comparison of antibacterial effects of calf thymus histone and quaternary ammonium cationic detergent on B. anthracis, 670
Hodes, H. L.: Effect on herpes virus of filtrate obtained from Salmonella typhosa, 121
Hodges, R. G.: Primary atypical pneumonia in infants and children, 123
Hoffman, W. S.: Comparative efficacy of vitamin D preparations in prophylactic treatment of premature infants, *1
Electrolyte balance studies on premature infants on diet of evaporated milk, *49
Holt, L. E., Jr.: Comparative nutritive value of casein and of lactalbumin for man, 108
Sulfur amino acid requirement of infant, 125
Hormones: See Adrenal Preparations; Endocrine Glands; and under names of organs
Estrogenic: See Estrogens

Hospitals; BCG vaccination in hospitals and sanatoria of Saskatchewan, 413
cross infections in infants' wards and their control by use of triethylene glycol vapor, 122
meeting an emergency situation in epidemic of diarrhea and enteritis of newborn, 779
pediatric report on medical conditions in Puerto Rico, *665
tuberculosis in 347 hospitalized children, 256
Howard, P. J.: Irregularities of breathing in newborn period, *592
Hughes, J. G.: Electroencephalography of newborn; studies on normal, full term infants while awake and while drowsy, *310
Hurler's Disease: See Lipochondrodystrophy
Hurme, V. O.: Developmental opacities of teeth in New England community; their relation to fluorine toxicosis, *61
Hurwitt, E. S.: Experimental observations on grafting of blood vessels, 118
Hutaff, L.: Relationship of anemia and scurvy, 128
Hutchins, G.: Studies on nephrotic edema; water and electrolyte relationships during diuresis, 115
Hutt, H. B.: Thrombosis of dural sinuses, *285
Hyaluronidase; relation of hemolytic streptococcus to rheumatic fever; effect of streptococcic spreading factor in rheumatic patients and others, *561
relationship to rheumatic fever, 106
Hydrogen Ion Concentration: See Acid-Base Equilibrium; Acidosis; etc.
Hyperergy: See Anaphylaxis and Allergy
Hypergenitalism: See Puberty
Hyperglycemia: See Blood, sugar; Diabetes Mellitus
Hypertension: See Blood pressure, high
Hyperthermia: See Fever
Hypertrophy: See under names of organs and regions, as Heart; Liver; etc.
Hypoglycemia: See Blood, sugar; Diabetes Mellitus
Hypoprothrombinemia: See Blood, prothrombin
Hypoxia: See Oxygen

Ice Cream as source of riboflavin, carotene and ascorbic acid, 673
Icterus: See Erythroblastosis, Fetal; Jaundice
Idiocy: See also Feeblemindedness
Dysostotic: See Lipochondrodystrophy
Microcephalic: See Microcephaly
mongolian; diabetes mellitus associated with mongolism; case of child 2 years of age, *659
mongolian; mongol with abscess in neck from tuberculosis of cervical spines, 783
Idiosyncrasy: See Anaphylaxis and Allergy
Ileus: See Intestines
Ilium; iliac lymphadenitis in childhood, 264
Imbecility: See Feeblemindedness; Idiocy
Immune Serum: See Whooping Cough
Immunity: See also under Anaphylaxis and Allergy; Antigens and Antibodies; Diphtheria; etc.
combined vaccination and protection of infants and general population against infectious diseases, 676
Impulsiveness: See Nervous and Mental Disabilities
Inanition: See Nutrition
Inductothermy: See Osteomyelitis
Infant Feeding: See also Diet and Dietetics; Nutrition; Vitamins; and under names of various foods, as Milk; etc.
breast and bottle shy infant at 21 years of age, *374
electrolyte balance studies on premature infants on diet of evaporated milk, *49
nourishment of newborn infants, with special reference to premature babies, 521
quantitative breast-milk secretion, 672
Infant Mortality: See also Newborn Infants; Premature Infants
as shown at autopsy (abortions and neonatal mortality), 84
high; difficulties in combating, 778
in 1945 in Budapest, 674
outline of causes of infantile mortality for teaching purposes in social service, 777
Infant Welfare: See Child Welfare
Infantile Paralysis: See Poliomyelitis
Infantilism, Intestinal: See Celiac Disease
Renal: See Dwarfism
Infants: See also Children; Infant Feeding; Infant Mortality; Newborn Infants; Pediatrics; Premature Infants; etc.
developmental graph for first year of life, 83
Diseases: See under names of various diseases
Growth: See Growth
Newborn: See Newborn Infants
of older primipara, 539
Premature: See Premature Infants
recurrent paroxysmal tachycardia in young infant, *753
Infection: See also Immunity; Septicemia; and under names of bacteria, organs and regions, as Staphylococci; Streptococci; etc.
cross infection in infants' wards and their control by use of triethylene glycol vapor, 122
neonatal, discussion on, 84
streptomycin in treatment; report of 1,000 cases, 525
Infectious Diseases: See Communicable Diseases; Diphtheria; Infection; Pneumococci; Typhoid; etc.
Influenza; allergy to virus and rickettsial vaccines; allergy to influenza A and B vaccine in children, 538
B; epidemic in Australia, 678
nature of action of streptomycin on sensitive Hemophilus influenzae, 120
pneumonia complicating measles in children repatriated from Dutch Indies; isolation of measles virus and Hemophilus influenzae from lungs, 678
treatment of Hemophilus influenzae meningitis, 260
vaccine; study of serologic responses and incidence of reactions following subcutaneous and intradermal inoculation, *149
Infusions: See Blood transfusion; Injections
Ingraham, N. R., Jr.: Treatment of infantile congenital syphilis; results with aqueous penicillin alone in 60 infants followed for average of 2 years after treatment, *729
Inguinal Glands: See Lymph Nodes
Injections: See also Blood, transfusion; Enemata; etc.
influenza vaccine; study of serologic responses and incidence of reactions following subcutaneous and intradermal inoculation, *149
necrosis following intramuscular injections of sulfathiazole in infants, 540
oral and intravenous administration of amino acids, 521
vitamin D metabolism; effects of intramuscular injection of vitamin D on metabolism of calcium and phosphorus in infants, 409
Injuries: See under Newborn Infants; and under names of organs and regions
Insensible Perspiration: See Metabolism
Institutions: See Child Welfare; Feeblemindedness; Hospitals; Schools; etc.
Instruments: See also Apparatus
improved flame photometer for sodium and potassium analyses, 104
Insufflation: See Trachea
Insulin: See Diabetes Mellitus
Internal Secretions: See Endocrine Glands
Internships; pediatric residency established for training in neoplastic diseases, 687
Intervertebral Disk: See under Spine
Intestines: See also Colon; Rectum
absorption of emulsified lipids from intestine in steatorrhea, 111

Intestines—Continued
absorption of vitamin A from oily and aqueous mediums in patients with celiac syndrome, 124
Henoch's purpura; small intestinal changes; case report, 257
Intussusception: See Intussusception
mesenteric bands producing intestinal obstruction in 3 day old infant with recovery, 257
obstruction; effect of sulfathalidine and sulfamethazine on gaseous distention in obstructed small intestine of cats, 259
parasites; anaphylactic reactions to mercurial medicaments in children, with reference to mild mercurous chloride (calomel) sickness, 267
vitamin A absorption in newborn, *576
Intradermal Injections: See under Injections
Intravenous Injections: See Injections
Intussusception: See also Intestines, obstruction
acute; treatment by enema of roentgenologic contrast medium, *303
colonic; report of 3 cases in which patients were treated with barium sulfate enemas under pressure, 414
Iridocyclitis; report of case associated with chickenpox, 780
Iron absorption in premature and full term infants, 107
Irons, E. E.: BCG vaccination among medical and nursing students, *376
Islands of Langerhans: See Pancreas
Isoimmunization: See Blood, groups

**Jacobi**, H. G.: Diabetes mellitus associated with mongolism; case of child 2 years of age, *659
Von Jaksch-Hayem-Luzet Disease: See Anemia, erythroblastic
Jaundice: See also Erythroblastosis, Fetal
hemolytic icterus (acholuric jaundice), congenital and acquired, 91
neonatal, vitamin K sensitivity test in, 85
serum iron and serum bilirubin levels in congenital anemia of newborn and icterus gravis neonatorum, 675
severe erythroblastosis fetalis and icterus precox; occurrence of both diseases in same family, *351
Jejunum: See Intestines
Intussusception: See Intussusception
Jenkins, M.: Incidence of sicklemia in newborn Negro infant, 96
Joints: See under names of individual joints
Diseases: See Arthritis; etc.

**Kala-Azar**: See Leishmaniasis
Kaplan, M. Z.: Proteus vulgaris meningitis, *454
Kaye, R.: Respiratory air flow patterns in children, *625
Kempe, C. H.: Development of resistance to streptomycin, 109
Kernicterus: See under Erthroblastosis, Fetal; Jaundice
Ketosis: See Acidosis
Khoo, F. Y.: Congenital pseudarthrosis of tibia and its relation to fragilitas ossium; report of case and review of literature, *201
Kidneys, abnormalities; double kidney with ectopic ureter opening into vestibule of vulva, 535
carbonic anhydrase in blood and kidneys of premature infants, 109
Carbuncle: See Nephritis
Diseases: See also Nephritis
diseases; congenital syphilitic nephrosis successfully treated with penicillin, *652
diseases; nephrosis in children; observations on 84 patients; clearance and saturation tests, *328
electrolyte studies in nephrosis; induction of diuresis by administration of salts of sodium and potassium, 102
function and circulatory collapse; postsyncopal oliguria, 673
function in renal rickets, 116
Kidneys—Continued
lysozyme in urine of nephrotic children, 115
retardation of postnatal development of kidneys in persons with early cerebral lesions, *185
studies on nephrotic edema; water and electrolyte relationships during diuresis, 115
Kramer, B.: Vitamin A absorption in newborn, *576
Kuttner, A. G.: Standard, unipolar limb and precordial leads in children and adolescents with inactive rheumatic fever, *610
Kyphosis: See Spine, curvature

**LaBoccetta**, A. C.: Whooping cough treated with pertussis immune serum (human); report on controlled series of 52 patients under 1 year of age, *15
Labor: See Pregnancy; etc.
Lactalbumin: See Albumin
Lactation: See also Infant Feeding; Milk
quantitative breast-milk secretion, 672
Lactoflavin: See Riboflavin
Lacuna Skull: See Cranium
Landmesser, W. E.: Osmotic resistance of red cell populations in various anemias of infancy and childhood; preliminary observations, 130
Langerhans' Islands: See under Pancreas
Laryngotracheobronchitis: See Respiratory Tract, diseases
Larynx; congenital stridor caused by double aortic arch, 531
Laufer, M. W.: Pinworm infection and childhood behavior, *746
Laxatives: See Cathartics
Lectures; Benjamin Knox Rachford Lectureship, 541
Leidy, G.: Nature of action of streptomycin on sensitive Hemophilus influenzae, 120
Lein, M.: Sulfur amino acid requirement of infant, 125
Leishmaniasis, infantile, hemorrhagic diathesis in, 527
prothrombin time in infants with malaria or leishmaniasis, 678
visceral, Takata and Ucko reactions in, 527
Lens, Crystalline, Opacity: See Cataract
Lenz, G. G.: Effect of chemotherapeutic agents on acute leukemia; folic acid antagonists, 129
Leukemia, acute, effect of chemotherapeutic agents on; folic acid antagonists, 129
normal and pathologic physiology of bone marrow, *482
treated with urethane, 90
Leukocytes: See also under Blood; Eosinophils; Leukemia; etc.
cutaneous reaction to tuberculin and granulocytic diagnosis, 680
Leukoencephalitis: See Encephalitis periaxialis diffusa
Levinson, A.: Streptomycin therapy in tuberculous meningitis, *709
Treatment of tuberculous meningitis with streptomycin, 96
Library, Medical, of University of Chile, request for contributions for, 775
Lice: See Typhus
Lienke, R. I.: Megaloblastic anemia in infancy, 127
Limper, M. A.: Recurrent paroxysmal tachycardia in young infant, *753
Lindberg, G.: Treatment of acute intussusception by enema of roentgenologic contrast medium, *303
Lipids: See Lipoids
Lipochondrodystrophy (dysostosis multiplex [Pfaundler-Hurler], gargoylism), 537
Lipogranulomatosis: See Schüller-Christian Syndrome
Lipoidosis: See Anemia, splenic; Lipoids; Schüller-Christian Syndrome
Lipoids: See also Fat; Phosphorus and Phosphorus Compounds
absorption of emulsified lipids from intestine in steatorrhea, 111

Lithiasis: See Bladder, calculi
Liver; acute hepatitis in children, 533
cirrhosis; familial hepatic cirrhosis and osteoporosis, 534
function tests; amino acid blood curve in pulmonary tuberculosis in children, 680
function tests; Takata and Ucko reactions in visceral leishmaniasis, 527
hyperchromic anemia produced by choline or acetycholine and induced remission of both by folic acid or liver injection; probable mechanism of action of liver and folic acid in treatment of anemia, 256
Hypertrophy: See also Liver, cirrhosis
hypertrophy; 2 cases of Banti's syndrome; hepatomegaly with anemia, 257
vitamin A in hepatic disease, *767
Lobectomy: See under Lungs
Lobstein-Vrolik Disease: See Bones, fragility
Löffler's Bacillus: See Diphtheria
Loosli, C. G.: Cross infections in infants' wards and their control by use of triethylene glycol vapor, 122
Lordosis: See Spine, curvature
Love, W. E.: Osmotic resistance of red cell populations in various anemias of infancy and childhood; preliminary observations, 130
Lowe, C. U.: Absorption of emulsified lipids from intestine in steatorrhea, 111
Lucchesi, P. F.: Whooping cough treated with pertussis immune serum (human); report on controlled series of 52 patients under 1 year of age, *15
Lückenschädel: See Cranium
Lues: See Syphilis
Lumbar Puncture: See Spinal Puncture
Lungs: See also Bronchi; Respiration; Respiratory Tract; Thorax; etc.
congenital stenosis, surgical treatment, 256
Diseases: See also Tuberculosis, pulmonary; etc.
diseases; respiratory air flow patterns in children, *625
pneumonia complicating measles in children repatriated from Dutch Indies; isolation of measles virus and Hemophilus influenzae from lungs, 678
pulmonary hemosiderosis, 684
pulmonary stenosis or atresia; report on first 300 operations, 105
thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Tuberculosis: See Tuberculosis, pulmonary
Vital Capacity: See Vital Capacity
volume of pulmonary circulation and its importance in production of cyanosis and polycythemia, 531
voluntary breathholding; pulmonary gas exchange during breathholding, 532
Lupoid: See Sarcoidosis
Luzet-Hayem-von Jaksch Disease: See Anemia
Lymph Nodes; iliac lymphadenitis in childhood, 264
suppurative adenitis after vaccination with BCG, 89
Lymphadenitis: See Lymph Nodes
Lymphatic System: See Lymph Nodes
Lymphatism; pathogenesis of so-called thymic death, 535
Lymphogranuloma, Schaumann's: See Sarcoidosis
Lysozyme in urine of nephrotic children, 115

**McCune**, D. J.: Electrolyte studies in nephrosis; induction of diuresis by administration of salts of sodium and potassium, 102
Refractory rickets, 112
McIntosh, R., election as chairman of American Council on Rheumatic Fever, 541
McNamara, H.: Acidosis in young infants; effect of ingestion of ammonium chloride, 114
Measurement of glomerular filtration rate in premature infants, 113
Macrogenitosomia: See Puberty, precocious
McVickar, D. L.: Specific immunologic tests in systemic mycoses, 109

Malaria, primary tuberculous infection in course of, 681
prothrombin time in infants with malaria or leishmaniasis, 678
Malformations: See Abnormalities and Deformities; Monsters; and under names of organs and regions
Malnutrition: See under Dystrophy; Nutrition
Mantoux Reaction: See Tuberculosis
Mastoid, Inflammation: See Mastoiditis
Mastoiditis: See also Otitis Media
treatment in children, 530
May, C. D.: Absorption of emulsified lipids from intestine in steatorrhea, 111
Megaloblastic anemia in infancy, 127
Measles encephalitis, *25
German: See Rubella
pneumonia complicating measles in children repatriated from Dutch Indies; isolation of measles virus and Hemophilus influenzae from lungs, 678
Medical Societies: See Societies
Medicine; pediatric report on medical conditions in Puerto Rico, *665
pediatric report on medical conditions in Virgin Islands, *662
preventive, of today, 540
Psychosomatic: See Mind, body and mind
Medin-Heine Disease: See Poliomyelitis
Mediterranean Anemia: See Anemia, erythroblastic
Megacolon: See Colon, dilatation
Megalerythema, infectious, 86
infectious, isolation and cultivation of agent of, 86
Meiklejohn, G.: Influenza vaccine; study of serologic responses and incidence of reactions following subcutaneous and intradermal inoculation, *149
Meninges: See also Dura Mater
tuberculosis; streptomycin therapy in tuberculous meningitis, *709
tuberculosis; treatment of tuberculous meningitis with streptomycin, 96
Meningitis: See also Meningococci
chronic allergic, 262
Hemophilus influenzae meningitis treated with penicillin and sulfadiazine, 261
pneumococcic, microcephalia as complication of, *642
primary purulent pyocyaneus meningitis in young child, 261
Proteus vulgaris meningitis, *454
spotted fever (epidemic cerebrospinal meningitis), 87
treatment of Hemophilus influenzae meningitis, 260
treatment of purulent infantile meningitis, 260
Tuberculous: See Meninges, tuberculosis
Meningococci: See also under Meningitis
meningococcal-adrenal syndrome, 86
Waterhouse-Friderichsen syndrome in meningococcic sepsis, 86
Mental Deficiency: See Feeblemindedness; Idiocy
Mental Diseases: See Feeblemindedness; Nervous and Mental Disabilities; etc.
Mercer, R. D.: Effect of chemotherapeutic agents on acute leukemia; folic acid antagonists, 129
Mercury: See also Diuresis and Diuretics
anaphylactic reactions to mercurial medicaments in children, with reference to mild mercurous chloride (calomel) sickness, 267
Merzbacher-Pelizaeus' Disease: See Encephalitis periaxialis diffusa
Mesentery; mesenteric bands producing intestinal obstruction in 3 day old infant with recovery, 257
Mestern, J.: Comparison of vitamin $B_1$ levels in mothers and their newborn infants, *736
Metabolism: See also under specific headings, as Carbohydrates; Lipoids; Minerals; Nitrogen; etc.
and disposal of casein hydrolysate administered intravenously, 126

Metabolism—Continued
metabolic studies in louse-borne typhus; observations on serum electrolyte pattern, serum protein partition, and nitrogen balance, 526
Meteorism: See Flatulence
Microcephaly as complication of pneumococcic meningitis, *642
Microscopy; relation of chickenpox and herpes zoster studies with electron microscope, 120
Micturition: See Urination
Midget: See Dwarfism
Mikulicz's Syndrome, 414
Milk: See also Infant Feeding
does milk between meals hamper appetite or food intake of child? 520
evaporated, electrolyte balance studies on premature infants on diet of, *49
Human: See also Infant Feeding; Lactation
human, experimental studies on antirachitic action of, 522
human; further studies, 776
vitamin C content in Budapest in 1945, 674
Miller, H.: Psychosomatic symptoms resulting from impact of war; observations in civilian medical practice, *703
Mills, W. B.: Iron absorption in premature and full term infants, 107
Mind, body and mind; psychosomatic symptoms resulting from impact of war; observations in civilian medical practice, *703
Mineral Salts: See Salts
Minerals, fat and nitrogen metabolism in infantile diarrhea, 111
metabolism in rats with alloxan-induced diabetes, 133
Moeller-Barlow's Disease: See Scurvy
Moll, F. C.: Balance and electrocardiographic studies in potassium deficiency, 132
Mongolism: See Idiocy, mongolian
Morales, O.: Treatment of acute intussusception by enema of roentgenologic contrast medium, *303
Morbidity: See Vital Statistics
Moro Test: See Tuberculosis
Morphea: See Scleroderma
Mortality Statistics: See Infant Mortality; Newborn Infants; Vital Statistics; etc.
Mosquitoes: See Malaria
Mothers: See Pregnancy; etc.
Mouth; reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Mueller, A. J.: Comparative nutritive value of casein and of lactalbumin for man, 108
Mulholland, W. M.: Metabolism and disposal of casein hydrolysate administered intravenously, 126
Muscles; agenesis of abdominal muscles with associated malformation of genitourinary tract; clinical syndrome, *362
Atrophy: See Atrophy, muscular
developmental graph for first year of life, 83
Paralysis: See Paralysis
Tonus: See Myatonia; Myotonia
Myatonia congenita; congenital myelomuscular dystrophy, or Oppenheim-Werdnig-Hoffman disease, 415
Mycosis, systemic, specific immunologic tests in, 109
thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Myelosis: See Bones, marrow
Myocardium: See Heart
Myotonia congenita; experimental study, 132

**Nagler, F. P. O.**: Relation of chickenpox and herpes zoster; studies with electron microscope, 120
Nanism: See Dwarfism
Nares: See Nose
Neck; mongol with abscess in neck from tuberculosis of cervical spines, 783
Necrosis following intramuscular injections of sulfathiazole in infants, 540
Negroes; incidence of sickiemia in newborn Negro infant, 96
prevalence and distribution of ossification centers in newborn infant, *355
Nelson, E. N.: Megaloblastic anemia in infancy, 127
Mineral metabolism in rats with alloxan-induced diabetes, 133
Response of congenital hypoplastic anemia to short wave diathermy, 128
Nematodes: See Ascariasis; Intestines, parasites; Oxyuriasis; etc.
Neoplasms: See Sarcoma; Tumors; etc.
Nephritis: See also Kidneys; etc.
measurement of glomerular filtration rate in premature infants, 113
nephrosis in children; observations on 84 patients; clearance and saturation tests, *328
studies on nephrotic edema; water and electrolyte relationships during diuresis, 115
Nephrosis: See Kidneys, diseases
Nerves: See also Neuritis; Paralysis
developmental graph for first year of life, 83
Nervous and Mental Disabilities: See also Chorea; Encephalitis; Feeblemindedness; Idiocy; etc.
impulsive outbreak in children, 262
psychopathic individualities in childhood, 262
psychosomatic symptoms resulting from impact of war; observations in civilian medical practice, *703
therapeutic technics used with special group of disturbed children, 94
Nervous System: See Brain; Nerves; etc.
Diseases: See Neuritis; etc.
Syphilis: See Neurosyphilis
Neuhouser, E.: Resection of rectum and rectosigmoid with preservation of sphincter, 119
Neuritis, Multiple: See also Beriberi; Guillain-Barré Syndrome
multiple; postdiphtheritic polyneuritis with paralysis; report of case, 524
Neuroses and Psychoneuroses: See Nervous and Mental Disabilities
Neurosyphilis; concentration of penicillin in spinal fluid following intramuscular administration in, 528
Neutrophils: See Leukocytes
Newborn Infants: See also under names of diseases, as Anemia; Asphyxia; Cyanosis; Jaundice; Meningitis; Necrosis; Syphilis; etc.
acute adrenal insufficiency in, 777
avitaminosis K and retinal hemorrhage in, 85
carbohydrate metabolism of, 776
comparison of vitamin $B_1$ levels in mothers and their newborn infants, *736
deaths from intratracheal insufflation, *76
discussion on neonatal infections, 84
electroencephalography of newborn; studies on normal, full term infants while awake and while drowsy, *310
epidemic diarrhea of, 779
epidemic of diarrhea in Milan; bacteriologic study of pathogenic agents, 410
incidence of sickiemia in newborn Negro infant, 96
irregularities of breathing in newborn period, *592
most unphysiologic period of life, 523
nourishment with special reference to premature babies, 521
otitis media of, 675
pemphigus of, 779
prevalence and distribution of ossification centers in, *355
quantitative breast-milk secretion, 672
retinal hemorrhage and its causes, 675
ruptured stomach in infant 3 days old, 414
septicemia; 51 cases, 85

Newborn Infants—Continued
serum iron and serum bilirubin levels in congenital anemia of newborn and icterus gravis neonatorum, 675
streptococcic empyema in 15 day old infant treated with penicillin given intrapleurally, 410
treatment of staphylococcic sepsis in 15 day old infant, 410
vitamin A absorption in, *576
vitamin K sensitivity test in neonatal jaundice, 85
Niacin: See Nicotinic Acid
Nicotinic Acid: See also Vitamins, B
content of spinal fluid of children with poliomyelitis, 781
Nikolettou, M.: Epidemic of diphtheria in Athens, Greece during winter 1946-1947, *437
Nirvanol: See Chorea
Nitrogen; amino acid tolerance tests in children, *425
metabolism and disposal of casein hydrolysate administered intravenously, 126
mineral and fat metabolism in infantile diarrhea, 111
plasma α-amino acid nitrogen and serum lipids of surgical patients, 89
Nodes: See Lymph Nodes; Rheumatic Fever
Nose; presumed congenital metaplasia of epithelium of nasal meati as cause of ozena, 785
Nucleus Pulposus: See Spine
Nurseries: See Child Welfare; Hospitals
Nurses and Nursing; BCG vaccination among medical and nursing students, *376
Nutrition: See also Diet and Dietetics; Infant Feeding; Metabolism; Vitamins; etc.
association of vitamins and mineral salts in treatment of children with disturbances of nutrition, 83
effect of war and seige in Budapest on its infants and children, 674
lacuna skull and craniofenestria, *315
nutritional disorders in infancy and early childhood, 776
thiamine metabolism in man; thiamine balance; normal requirement of vitamin $B_1$ and role of fecal thiamine in human nutrition, 672

**Obrinsky, W.**: Agenesis of abdominal muscles with associated malformation of genitourinary tract; clinical syndrome, *362
Obstetrics: See Pregnancy; etc.
Ochsner, A.: Complications of ascariasis requiring surgical treatment; report of case with abdominothoracic complications, *389
Oettinger, L., Jr.: Iron absorption in premature and full term infants, 107
Oil; experimental peanut oil pneumonia in rabbits, *175
vitamin A absorption in newborn, *576
Oligophrenia: See Feeblemindedness
Oliguria: See Urination
Onchocerciasis in young cardiopathic patient, 527
Oppenheim's Disease: See Myatonia congenita
Ordway, N. K.: Arterial anoxemia in noncyanotic congenital cardiac disease, 106
Oriental Sore: See Leishmaniasis
Orphans; speech behavior of infants without families, 682
Orthodontia: See under Teeth
Orthopedic surgery research, Kappa Delta award for, 774
Orthopedics: See Poliomyelitis
Osmosis and Permeability: See also Capillaries; Erythrocytes; etc.
osmolarity of urine in infant, 114
osmotic resistance of red cell populations in various anemias of infancy and childhood; preliminary observations, 130
Ossification; prevalence and distribution of ossification centers in newborn infant, *355
Osteogenesis Imperfecta: See Bones, fragility
Osteoma cutis; report of case, *758
Osteomyelitis in childhood, 537
in infancy, 537
treatment with inductothermy, 415
Osteoporosis: See Bones, atrophy
Osteopsathyrosis: See Bones, fragility
Otitis Media: See also Mastoiditis
effect of penicillin in otologic disorders of infants and children, 785
of newborn, 675
Proteus vulgaris meningitis, *454
Ott, M.: Relationship of hyaluronidase to rheumatic fever, 106
Oxygen: See also Respiration
death of newborn infant from intratracheal insufflation, *76
deficiency; arterial anoxemia in noncyanotic congenital cardiac disease, 106
hypoxia tolerance test of heart in children, 257
irregularities of breathing in newborn period, *592
voluntary breathholding; pulmonary gas exchange during breathholding, 532
Oxyuriasis; pinworm infection and childhood behavior, *746
Ozena: See Rhinitis, atrophic

**Pack, G. T.**: Multiple basal cell epitheliomas in 5 year old child, *647
Padiatellis, K.: Epidemic of diphtheria in Athens, Greece during winter 1946-1947, *437
Palmer, H. D.: Intestinal absorption of vitamin A from oily and aqueous mediums in patients with celiac syndrome, 124
Palsy: See Paralysis
Pancreas; amino acid tolerance tests in children, *425
diagnostic test for pancreatic insufficiency, 123
effect of pancreatin on curves for vitamin A absorption as aid to diagnosis in pancreatic deficiency, 124
fibrosis; respiratory air flow patterns in children, *625
roentgen changes associated with pancreatic insufficiency in early life, 260
Panmyelopathy: See Bones, marrow
Papadimitropoulos, P.: Epidemic of diphtheria in Athens, Greece during winter 1946-1947, *437
Paracolon: See Bacteria
Paralysis: See also Poliomyelitis; etc.
cerebral; chronic allergic meningitis, 262
Infantile: See Poliomyelitis
Werdnig-Hoffmann: See Atrophy, muscular
with postdiphtheritic polyneuritis; report of case, 524
Parasites: See Intestines, parasites; and under names of parasitic diseases, as Ascariasis; Oxyuriasis; etc.
Parkinson-White-Wolff Syndrome: See Heart, abnormalities
Parmelee, A H.: Comparative efficacy of vitamin D preparations in prophylactic treatment of premature infants, *1
Electrolyte balance studies on premature infants on diet of evaporated milk, *49
Parotid Gland, congenital hemangioma of, 258
Patch Test: See Anaphylaxis and Allergy; Tuberculosis
Peanut Oil: See Oil
Pectin, Therapy: See Diarrhea
Pediatric societies, directory of, 140, 276, 416, 551, 693, 787
Pediatrics: See also Children; Hospitals; Newborn Infants; and under names of specific diseases
history; Daniel Whistler and his contribution to pediatrics, 269
report on medical condtions in Puerto Rico, *665
report on medical conditions in Virgin Islands, *662
Rochester Child Health Institute announces assistantships, 254
University of Arkansas School of Medicine to give postgraduate course in, 254

Peirce, E. C., Jr.: Experimental observations on grafting of blood vessels, 118
Pelizaeus-Merzbacher Disease: See Encephalitis periaxialis diffusa
Pemphigus of newborn, 779
Penicillin; clinical evaluation of caronamide for competitive inhibition of penicillin excretion, 104
concentration in spinal fluid following intramuscular administration in neurosyphilis, 528
effect of sulfonamides on action of, 539
our experience with, 540
Therapy: See Asthma; Empyema; Endocarditis; Gonorrhea; Kidneys; Meningitis; Otitis Media; Pericarditis; Syphilis; Tetanus; etc.
Pericarditis, purulent, treated with penicillin; observations on 2 month old girl, 530
Rheumatic: See Rheumatic Fever
Personality; breast and bottle shy infant at 21 years of age, *374
psychopathic individualities in childhood, 262
Perspiration, Insensible: See Metabolism
Pertussis: See Whooping Cough
Pfaundler-Hurler Disease: See Lipochondrodystrophy
Pfeiffer's Bacillus: See Influenza
Phenylethyl Hydantoin: See Chorea
Phonation: See Speech
Phonetics: See Speech
Phosphorus and Phosphorus Compounds; vitamin D metabolism; effects of intramuscular injection of vitamin D on metabolism of calcium and phosphorus in infants, 409
Photometer; improved flame photometer for sodium and potassium analyses, 104
Phthisis: See Tuberculosis, pulmonary
Physicians certified by American Board of Pediatrics, 687
Physiology; most unphysiologic period of life, 523
Pinelli, R. W.: Urinary glycocyamine, creatine and creatinine; their excretion in normal infants and children, *740
Pinkus, H.: Reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Pinworms: See Oxyuriasis
Pirani, C. L.: Thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Pirquet Test: See Tuberculosis
Plasma: See under Blood
Plasmodium: See Malaria
Pleura, Effusion: See Pleurisy
Pleurisy; lactescent effusions in pleura of infants, 684
Pneumococci: See also under Meningitis; Pneumonia
microcephalia as complication of pneumococcic meningitis, *642
reactions to antipneumococcal rabbit serum; failure to adsorb sensitizing antibody by Kieselguhr, Fullers' earth, Berkefeld filtrations and aluminum hydroxide, 520
toxic and immunologic properties of pneumococcal hemolysin, 525
Pneumonia complicating measles in children repatriated from Dutch Indies; isolation of measles virus and Hemophilus influenzae from lungs, 678
experimental peanut oil pneumonia in rabbits, *175
primary atypical, in infants and children, 123
primary atypical, serologic reactions in, 683
Tuberculosis: See Tuberculosis, pulmonary
Pneumotachograph; respiratory air flow patterns in children, *625
Poisons and Poisoning: See under names of substances, as Alcohol; Quinine; Tartrates; etc.
Polioencephalitis: See Encephalitis
Poliomyelitis, acute anterior, epidemiology of, 411
acute anterior, recurrence of; report of case, 677
and diphtheria, 525
differential diagnosis of meningoradiculitis, 93
experimental, effect of stilbestrol on resistance to, 780
nicotinic acid content of spinal fluid of children with, 781
psychic reaction in, 411
Pollen: See also Anaphylaxis and Allergy; Asthma
pollinosis, *227
Polyarthritis: See Arthritis
Polycythemia; volume of pulmonary circulation and its importance in production of cyanosis and polycythemia, 531
Polyneuritis: See Neuritis, multiple
Polyradiculoneuritis: See Guillain-Barré Syndrome
Porencephaly: See Brain, cysts
Postgraduate Course: See Education
Potassium: See also Diarrhea
balance and electrocardiographic studies in potassium deficiency, 132
electrolyte studies in nephrosis; induction of diuresis by administration of salts of sodium and potassium, 102
improved flame photometer for sodium and potassium analyses, 104
Poweleit, A. C.: Proteus vulgaris meningitis, *454
Pratt, E. L.: Treatment of diarrhea with potassium and sodium salts, 105
Precocity: See Puberty
Pregnancy; comparison of vitamin $B_1$ levels in mothers and their newborn infants, *736
infant of older primipara, 539
lacuna skull and craniofenestria, *315
plasma vitamin A and its clinical significance; review, *763
relationship of rubella in mother to congenital cataracts in child, 780
Premature Infants; antitryptic property of blood serum of full term and premature infants, 84
application of Pickworth's method to study of intracranial hemorrhage in asphyxiated premature infants, 84
carbonic anhydrase in blood and kidneys of, 109
chloride content of blood of normal and premature infants, 83
comparative efficacy of vitamin D preparations in prophylactic treatment of, *1
electrolyte balance studies on premature infants on diet of evaporated milk, *49
iron absorption in premature and full term infants, 107
loss of heat as cause of death in, 778
measurement of glomerular filtration rate in, 113
neonatal immaturity in war period, 409
nourishment of newborn infants, with reference to premature babies, 521
statistics of prematurity; plea for standardization, 778
Protamine Insulin: See under Diabetes Mellitus
Proteins: See also Amino Acids; Enzymes; Nitrogen; and under names of proteins, as Albumin; Casein; etc.
self selection of diet; appetite for protein, 408
Proteus Vulgaris: See Bacteria
Prothrombin: See Blood, prothrombin
Protozoa: See Intestines, parasites; Leishmaniasis; Malaria; etc.
Pseudarthrosis, congenital, of tibia and its relation to fragilitas ossium; report of case and review of literature, *201
Psychiatry: See Psychology; etc.
Psychology: See also Personality; etc.
psychic reaction in poliomyelitis, 411
Psychoses: See Nervous and Mental Disabilities; etc.

Psychotherapy; Postgraduate Center for Psychotherapy, Inc., offers training courses, 253
Puberty: See also Adolescence
pathologic changes in, 540
precocious; adrenogenital syndrome in children, 100
precocious; genuine macrogenitosomia precox in girl 3½ years of age, 779
Public Health: See also Child Welfare; Medicine, preventive; etc.
pediatric report on medical conditions in Puerto Rico, *665
pediatric report on medical conditions in Virgin Islands, *662
Puericulture: See Child Welfare
Puerperium: See Lactation; Pregnancy
Puerto Rico, pediatric report on medical conditions in, *665
Pulse: See Arrhythmia; Blood pressure; Heart, rate
Purgatives: See Cathartics
Purpura, Henoch's; small intestinal changes; case report, 257
Pus, morphology of, 540
Pylorus; new observations on action of epinephrine in pyloric syndrome of infancy, 684
treatment of pylorospasm and pyloric stenosis by short wave radiation, 534
Pyoderma; our experience with penicillin, 540
Pyrexia: See Fever
Pyruvic Acid: See Acid, pyruvic

**Quinine**; acute poisoning; report of case, 269

**Races**: See Negroes; etc.
Rachford, Benjamin Knox, Lectureship, 541
Rachischisis: See Spina Bifida
Rachitis: See Rickets
Radiations: See under names of various diseases
Radiculomeningomyelitis: See Guillain-Barré Syndrome
Radium, Therapy: See Hemangioma
Ragweed: See Asthma
Rake, G.: Relation of chickenpox and herpes zoster; studies with electron microscope, 120
Ramond-Still-Chauffard Disease: See under Arthritis
Rapoport, M.: Clinical evaluation of caronamide for competitive inhibition of penicillin excretion, 104
Rectum: See also Enemata
resection of rectum and rectosigmoid with preservation of sphincter, 119
Red Cross Blood Program; medical head named, 541
Reimers, E. J.: Relationship of hyaluronidase to rheumatic fever, 106
Reiter's Disease; possible relationship of pleuropneumonia-like organisms to Reiter's disease, rheumatoid arthritis and ulcerative colitis, 520
Reproduction: See Pregnancy
Research in orthopedic surgery, Kappa Delta award for, 774
Residencies: See Internships
Respiration, Disorders: See Asphyxia
irregularities of breathing in newborn period, *592
Physiology: See Vital Capacity
respiratory air flow patterns in children, *625
voluntary breathholding; pulmonary gas exchange during breathholding, 532
Respiratory Quotient: See Metabolism
Respiratory Tract: See also Bronchi; Nose; etc.
Diseases: See also Pneumonia; etc.
diseases; are sulfonamide drugs appropriate in acute infections of upper respiratory tract? 92
diseases; laryngotracheobronchitis; statistical review of 549 cases, 682
foreign bodies in upper air passages; spikes of grain, 785
laryngologic consultation in study of child with respiratory allergy, *229
Restlessness: See under Nervous and Mental Disabilities
Reticulocytes: See Anemia; Erythrocytes
Reticuloendothelial System: See also Anemia, splenic; Jaundice; Liver; etc.
normal and pathologic physiology of bone marrow, *482
prothrombin time in infants with malaria or leishmaniasis, 678
reticuloendothelial immune serum (REIS); experimental anemia in bartonella infected rats produced by anti-blood immune serum, 783
reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Reticulosis: See Reticuloendothelial System
Retina, hemorrhage, and avitaminosis K in newborn, 85
hemorrhage in newborn and its causes, 675
Rh Factor: See Blood, groups; Blood, transfusion
Rheumatic Fever; onchocerciasis in young cardiopathic patient, 527
relation of hemolytic streptococcus to; effect of streptococcic spreading factor in rheumatic patients and others, *561
relationship of hyaluronidase to, 106
standard, unipolar limb and precordial leads in children and adolescents with inactive rheumatic fever, *610
Rheumatism: See Arthritis
Acute Articular: See Rheumatic Fever
Rhinitis: See also Respiratory Tract, diseases
atrophic; presumed congenital metaplasia of epithelium of nasal meati as cause of ozena, 785
perennial allergic, *226
Rhoads, P. S.: Present status of immunization to and treatment of scarlet fever, *244
Riboflavin: See also Vitamins, B
deficiency, ocular changes in case of, 409
ice cream as source of riboflavin, carotene and ascorbic acid, 673
Rickets: See also Vitamins, D
campaign in Hungary, 674
Celiac: See Celiac Disease
comparative efficacy of vitamin D preparations in prophylactic treatment of premature infants, *1
Daniel Whistler and his contribution to pediatrics, 269
experimental studies on antirachitic action of human milk, 522
in Singapore, 777
refractory, 112
Renal: See Dwarfism
Rickettsia: See Rocky Mountain Spotted Fever; Typhus
Rocky Mountain Spotted Fever, para-aminobenzoic acid treatment of, 526
Roentgenography: See also under names of diseases, organs and regions
treatment of acute intussusception by enema of roentgenologic contrast medium, *303
Rogatz, J. L.: Diabetes mellitus associated with mongolism; case of child 2 years of age, *659
Roosen-Runge, E. C.: Retardation of postnatal development of kidneys in persons with early cerebral lesions, *185
Rose, E. K.: Treatment of infantile congenital syphilis; results with aqueous penicillin alone in 60 infants followed for average of 2 years after treatment, *729
Rosenthal, S. R.: Methods of BCG production and vaccination, *377
Ross, V.: Results of Schick testing 3 years after injection of protamine diphtheria toxoid, *450

Roundworms: See Ascariasis; Oxyuriasis
Rubella; relationship in mother to congenital cataracts in child, 780

St. Vitus' Dance: See Chorea
Salmon, R. J.: Megaloblastic anemia in infancy, 127
Salmonella; presumptive medium for differentiating paracolon from Salmonella cultures, 520
typhosa, effect on herpes virus of filtrate obtained from, 121
Salts; association of vitamins and mineral salts in treatment of children with disturbances of nutrition, 83
Sanatoriums; BCG vaccination in hospitals and sanatoria of Saskatchewan, 413
Sanford, H. N.: Pediatric report on medical conditions in Puerto Rico, *665
Pediatric report on medical conditions in Virgin Islands, *662
Sarcoidosis; manifestation of tuberculosis, 528
Sarcoma; hematology of malignant tumors in childhood, 270
Scarlatina: See Scarlet Fever
Scarlet Fever: See also Streptococci
present status of immunization to and treatment of, *244
serologic types of hemolytic streptococci in scarlet fever in Massachusetts, 410
Scharnagel, I. M.: Multiple basal cell epitheliomas in 5 year old child, *647
Schaumann's Disease: See Sarcoidosis
Schick, B.: Essential xanthomatosis; 15 years' observation on case occurring in family with hypercholesteremia, *164
Schick Test: See Diphtheria
Schieve, J. F.: Paroxysmal tachycardia in infant with Wolff-Parkinson-White syndrome, *474
Schmitz's Bacillus: See Dysentery
Schoenlein-Henoch's Purpura: See Purpura
Schools: See also Universities
child in school, 94
hypovitaminosis A in school children in Rome in relation to war diets, 522
metropolitan speech correction, 91
tuberculin tests of school children, 255
Schüller-Christian Syndrome; essential xanthomatosis; 15 years' observation on case occurring in family with hypercholesteremia, *164
reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
Sclera, blue; congenital fragilitas ossium, 265
blue; 3 cases of osteopsathyrosis idiopathica in 3 generations, 265
Scleroderma; chloride content of blood of normal and premature infants, 83
Sclerosis: See Arteriosclerosis; Bones, marrow; Encephalitis periaxialis diffusa; etc.
Scoliosis: See Spine, curvature
Scorbutus: See Scurvy
Scott, E. P.: Osteoma cutis; report of case, *758
Scott, O. K.: Primary atypical pneumonia in infants and children, 123
Scott, R. B.: Incidence of sicklemia in newborn Negro infant, 96
Scott, T. F. M.: Relation of chickenpox and herpes zoster; studies with electron microscope, 120
Scrofula: See Tuberculosis
Scully, J. P.: Congenital syphilitic nephrosis successfully treated with penicillin, *652
Scurvy: See also Ascorbic Acid
influence of pteroylglutamic acid on tyrosine metabolism in scorbutic guinea pig, 128
relationship of anemia and scurvy, 128
Secretions, Internal: See Endocrine Glands
Sensitization: See under Anaphylaxis and Allergy; Immunity; etc.
Septicemia: See also Infection; and under names of organisms and diseases, as Meningococci; Streptococci; etc.
fifty-one cases, 85
Septum, Interventricular: See Heart
Nasal: See under Nose
Serotherapy and Hemotherapy: See also Serum; etc.
acidosis and bicarbonate serotherapy, 671
Serum: See also Blood; Serotherapy and Hemotherapy
Convalescent: See Measles; Pneumonia; Scarlet Fever; etc.
Hypersensitiveness: See Anaphylaxis and Allergy
Immune: See Whooping Cough
reticuloendothelial immune serum (REIS); experimental anemia in bartonella infected rats produced by anti-blood immune serum, 783
serologic reactions in primary atypical pneumonia, 683
Sickness: See Anaphylaxis and Allergy
Transfusion: See Blood, transfusion
Sex, Precocious Development: See under Puberty
Shigella Dysenteriae: See Dysentery
Shock, Anaphylactic: See Anaphylaxis and Allergy
Emotional: See Emotions
Short Wave Diathermy: See Anemia; Asthma; Osteomyelitis; Pylorus; etc.
Shwachman, H.: Diagnostic test for pancreatic insufficiency, 123
Sicklemia: See Anemia, sickle cell
Sigmoid: See also Colon; Intestines
resection of rectum and rectosigmoid with preservation of sphincter, 119
Silver, H. K.: Development of resistance to streptomycin, 109
Silverman, L.: Respiratory air flow patterns in children, *625
Sinus, Dural: See Cranium
Skeleton: See Bones
Skin, Blood Supply: See Capillaries
congenital multiple hemolymphangioendotheliomas of skin, 538
cutaneous diphtheria, 780
cutaneous hypersensitivity to tuberculin, 679
cutaneous reaction to tuberculin and granulocytic diagnosis, 680
Diseases: See also under names of diseases, as Herpes; Mycosis; etc.
diseases; plasma vitamin A and its clinical significance; review, *763
Hemorrhage: See Purpura
multiple basal cell epitheliomas in 5 year old child, *647
osteoma cutis; report of case, *758
reticulogranuloma; report of case of eosinophilic granuloma of bone associated with nonlipid reticulosis of skin and oral mucosa under clinical picture of Hand-Schüller-Christian disease, *503
treatment of cutaneous hemangioma with radium, 537
Skull: See Cranium
Sleep; electroencephalography of newborn; studies on normal, full term infants while awake and while drowsy, *310
Sleeping Sickness: See Encephalitis
Slobody, L. B.: Comparison of vitamin $B_1$ levels in mothers and their newborn infants, *736
Smetak, E. M.: Sulfur amino acid requirement of infant, 125
Smith, M. H. D.: Cross infections in infants' wards and their control by use of triethylene glycol vapor, 122
Snyderman, S. E.: Sulfur amino acid requirement of infant, 125
Sobel, A. E.: Vitamin A absorption in newborn, *576
Social Service, outline of causes of infantile mortality for teaching purposes in, 777
Societies, Children's Hospital, Washington, D. C., forms alumni association, 774
foreign, directory of, 140, 276, 416, 551, 693, 787
International Congress on Rheumatic Diseases, 541, 774
international, directory of, 140, 276, 416, 551, 693, 787

Societies—Continued
local, directory of, 146, 281, 421, 557, 699, 793
national, directory of, 142, 278, 418, 554, 696, 790
National Society for Crippled Children and Adults, convention of, 775
pediatric, directory of, 140, 276, 416, 551, 693, 787
sectional, directory of, 143, 279, 419, 554, 697, 791
state, directory of, 143, 279, 419, 555, 697, 791

SOCIETY TRANSACTIONS:
Chicago Pediatric Society, 96
Society for Pediatric Research, 102

Sodium; electrolyte studies in nephrosis; induction of diuresis by administration of salts of sodium and potassium, 102
improved flame photometer for sodium and potassium analyses, 104
Pentobarbital: See Asthma
Salts: See Diarrhea
Soybeans; utilization of calcium in soybean products and other calcium sources, 408
Spasm: See Chorea; Pylorus; etc.
Speech: See also Voice
behavior of infants without families, 682
indices of achievement in voice instruction, 92
infant; vowel and consonant frequency, 683
metropolitan speech correction, 91
pathologic deviations in child, 531
Sperry, W. M.: Essential xanthomatosis; 15 years' observation on case occurring in family with hypercholesteremia, *164
Sphincter Muscles; resection of rectum and rectosigmoid with preservation of sphincter, 119
Spina Bifida; lacuna skull and craniofenestria, *315
Spinal Fluid: See Cerebrospinal Fluid
Spinal Puncture: See also Cerebrospinal Fluid
collapsed intervertebral disks following lumbar puncture, 93
Spine; collapsed intervertebral disks following lumbar puncture, 93
curvature; respiratory air flow patterns in children, *625
mongol with abscess in neck from tuberculosis of cervical spines, 783
Spirochaeta Pallida: See Syphilis
Spotted Fever: See Meningitis; Rocky Mountain Spotted Fever; Typhus
Spreading Factor: See Hyaluronidase
Sprue, Nontropical: See Celiac Disease
Staphyline: See Diphtheria
Staphylococci; antidiphtheritic staphyline; new antibiotic, 677
roentgen changes associated with pancreatic insufficiency in early life, 260
toxoid; 10 years of therapy, 678
treatment of staphylococcic sepsis in 15 day old infant, 410
Status Asthmaticus: See Asthma
Lymphaticus: See Lymphatism
Steatorrhea: See Celiac Disease; Feces, fat in
Steiner, M. M.: Adrenogenital syndrome in children, 100
Stenosis: See Lungs; Pylorus; etc.
Stetson, C., Jr.: Mechanism of sickling phenomenon, 131
Stilbestrol: See Estrogens
Still's Disease: See Arthritis
Stillbirths: See Infant Mortality
Stillman, N.: Death of newborn infant from intratracheal insufflation, *76
Stomach: See also Pylorus; etc.
cardiospasm in infant, 414
ruptured; report of case in infant 3 days old, 414
Stools: See Feces
Streptococci: See also Scarlet Fever
hemolytic relation to rheumatic fever; effect of streptococcic spreading factor in rheumatic patients and others, *561
Streptococci—Continued
hemolytic; serologic types in scarlet fever in Massachusetts, 410
penicillin sensitivity of group A beta hemolytic streptococci in vitro and in vivo, 110
streptococcic empyema in 15 day old infant treated with penicillin given intrapleurally, 410
study of aerobic streptococci isolated from uterus and vagina, 534
Streptomycin, development of resistance to, 109
in treatment of infections; report of 1,000 cases, 525
Therapy: See Influenza; Meninges; Tuberculosis; etc.
Stridor: See Larynx
Subdural Space: See Meninges
Suffocation: See Asphyxia
Sugars: See Dextrose; etc.
in Blood: See Blood, sugar
in Urine: See Diabetes Mellitus
Sulfadiazine: See Meningitis; Sulfonamides
Sulfamethazine: See Intestines, obstruction
Sulfasuccidine: See Diarrhea
Sulfathalidine: See Intestines, obstruction
Sulfonamides; clinical evaluation of caronamide for competitive inhibition of penicillin excretion, 104
effect on action of penicillin, 539
necrosis following intramuscular injections of sulfathiazole in infants, 540
Therapy: See Diarrhea; Intestines, obstruction; Meningitis; etc.
Sulfur amino acid requirement of infant, 125
Suppositories; treatment with rectal suppositories of aminophylline and sodium pentobarbital, 683
Suprarenal Preparations: See Adrenal Preparations
Suprarenals: See Adrenals
Surface Active Agents: See Detergents
Surgery: See also Apparatus; Instruments; Wounds
plasma α-amino acid nitrogen and serum lipids of surgical patients, 89
Swenson, O.: Resection of rectum and rectosigmoid with preservation of sphincter, 119
Sylvester, R. F.: Effect of chemotherapeutic agents on acute leukemia; folic acid antagonists, 129
Sympathogonioma; hematology of malignant tumors in childhood, 270
Syncope; kidney function and circulatory collapse; postsyncopal oliguria, 673
Synostosis, Cranial: See Cranium
Syntropan: See Colon, dilatation
Syphilis: See also under names of organs and regions
congenital syphilitic nephrosis successfully treated with penicillin, *652
so-called infantile little finger (Du Bois's sign), 540
treatment of infantile congenital syphilis; results with aqueous penicillin alone in 60 infants followed for average of 2 years after treatment, *729

Tachycardia: See Arrhythmia; Heart, rate
Takata Test: See Liver, function tests
Talbot, N. B.: Treatment of hypoglycemic convulsions with alloxan, 107
Tartrates; tartaric acid poisoning from purgative lemonade, 269
Taussig, H. B.: Pulmonary stenosis or atresia; report on first 300 operations, 105
Teaching: See Education
Teeth; developmental opacities in New England community; their relation to fluorine toxicosis, *61
inhibition of dental caries by ingestion of fluoride vitamin tablets, 268
Temperature: See also Fever; etc.
loss of heat as cause of death in premature infants, 778
Temple, W. J.: Osteoma cutis; report of case, *758

Tetanus and penicillin, 781
toxoid, immunization with, 526
Thaysen-Gee Disease: See Celiac Disease
Thelander, H. E.: Microcephalia as complication of pneumococcic meningitis, *642
Thiamine: See also Beriberi; Vitamins, B
comparison of vitamin $B_1$ levels in mothers and their newborn infants, *736
metabolism in man; thiamine balance; normal requirement of vitamin $B_1$ and role of fecal thiamine in human nutrition, 672
Thiol Compounds: See Arsenic and Arsenic Compounds
Thomas, L.: Mechanism of sickling phenomenon, 131
Thomsen's Disease: See Myotonia congenita
Thorax: See also Heart; Lungs; etc.
complications of ascariasis requiring surgical treatment; report of case with abdominothoracic complications, *389
Thrombopenia: See under Diathesis, hemorrhagic; Purpura
Thrombophlebitis: See also Thrombosis
thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Thrombosis of dural sinuses, *285
Thymus; infection with Bacillus anthracis; comparison of antibacterial effects of calf thymus histone and quaternary ammonium cationic detergent on B. anthracis, 670
Thymus Death: See Lymphatism
Thyroid; enlargement in childhood, 95
Tibia; congenital pseudoarthrosis of tibia and its relation to fragilitas ossium; report of case and review of literature, *201
Tick Fevers: See Rocky Mountain Spotted Fever; Typhus
Ticks: See Encephalitis; Rocky Mountain Spotted Fever
Toes: See Fingers and Toes
de Toni-Fanconi Syndrome: See Dwarfism, renal
Tonsillitis: See Tonsils
Tonsils; are sulfonamide drugs appropriate in acute infections of upper respiratory tract? 92
Toomey, J. A.: Thrombosis of dural sinuses, *285
Torulosis; clinical and experimental study, 783
Toxicology: See under names of poisonous substances
Toxin and Antitoxin: See Scarlet Fever; etc.
Toxoid: See Diphtheria; Tetanus; etc.
Trachea; death of newborn infant from intratracheal insufflation, *76
Tracheobronchial Glands: See Lymph Nodes
Transfusion: See Blood, transfusion
Treponema: See Syphilis
Triethylene Glycol: See Ethylene Glycol
Tropical Medicine: See under names of tropical diseases, as Leishmaniasis; etc.
Trypsin; antitryptic property of blood serum of full term and premature infants, 84
Tubercle Bacilli: See also Tuberculosis
Tuberculin: See also Tuberculosis
cutaneous hypersensitivity to, 679
Tuberculosis: See also under names of organs and regions, as Meninges; etc.
adequate diet in, 412
and endocrine disturbance in child with multiple rheumatoid arthritis (Still's disease), 536
BCG vaccination among medical and nursing students, *376
BCG vaccination in Chicago, *381
BCG vaccination in hospitals and sanatoria of Saskatchewan, 413
congenital, 88, 782
cutaneous hypersensitivity to tuberculin, 679
cutaneous reaction to tuberculin and granulocytic diagnosis, 680
false, misjudged and faded tuberculin reactions, 529
immunization with vole bacillus, 411
in children, 88
in 347 hospitalized children, 256
methods of BCG production and vaccination, *377
Tuberculosis—Continued
mongol with abscess in neck from tuberculosis of cervical spines, 783
primary, in management of children, 413
primary tuberculous infection in course of malaria, 681
pulmonary; amino acid blood curve in children, 680
pulmonary, in infants, 679
results of BCG immunization in New York city, 412
sarcoidosis; manifestation of tuberculosis, 528
so-called hyperergic unequal Pirquet reaction (Meyerhofer), 680
suppurative adenitis after vaccination with BCG, 89
tuberculin tests of school children, 255
types of tuberculous disease in childhood 255
Tumors: See also Epithelioma; Hemangioma; Osteoma; Sarcoma; etc.; and under names of organs and regions
pediatric residency established for training in neoplastic diseases, 687
Typhoid; severe phagedenic lesions of typhoid origin in 4 year old girl; report of case, 781
spread in children in Brno area in 1945, 678
Typhus; metabolic studies in louse-borne typhus; observations on serum electrolyte pattern, serum protein partition and nitrogen balance, 526
Tyrosine; influence of pteroylglutamic acid on tyrosine metabolism in scorbutic guinea pig, 128

Ucke Reaction: See Liver, function tests
Ulcers: See also under names of organs and regions
severe phagedenic lesions of typhoid origin in 4 year old girl; report of case, 781
Umbilical Cord; comparison of vitamin $B_1$ levels in mothers and their newborn infants, *736
Undergraduate Teaching: See Education
Universities; BCG vaccination among medical and nursing students, *376
request for contributions for medical library for University of Chile, 775
Ureters; double kidney with ectopic ureter opening into vestibule of vulva, 535
Urethane: See Leukemia
Urinary Tract: See Genitourinary Tract; Kidneys; Ureters; etc.
Urination; kidney function and circulatory collapse; postsyncopal oliguria, 673
practical urine or wet diaper signal, 263
Urine: See also Diuresis and Diuretics; Urination; under names of diseases
aminoaciduria in Fanconi syndrome (tubular renal rickets), 103
clinical evaluation of caronamide for competitive inhibition of penicillin excretion, 104
electrolyte balance studies on premature infants on diet of evaporated milk, *49
lysozyme in urine of nephrotic children, 115
osmolarity in infant, 114
urinary glycocyamine, creatine and creatinine; their excretion in normal infants and children, *740
Urticaria; clinical manifestation of allergy, *220
Uterus; study of aerobic streptococci isolated from uterus and vagina, 534

Vaccination: See Immunity
Vaccines: See Influenza
Calmette-Guérin: See Tuberculosis
Vagina; study of aerobic streptococci isolated from uterus and vagina, 534
van Waalwijk van Doorn, C.: Lacuna skull and craniofenestria, *315
Varicella: See Chickenpox
Vasomotor System: See Arteries; Blood pressure; Capillaries
Venereal Diseases: See Gonorrhea; Neurosyphilis; Syphilis

Vertebrae: See Spine
Verwey, W. F.: Clinical evaluation of caronamide for competitive inhibition of penicillin excretion, 104
Vestibular Apparatus: See Ear
Virgin Islands, pediatric report on medical conditions in, *662
Viruses: See also Chickenpox; Encephalitis; Herpes; etc.
virus synthesis, 110
Viscera: See also Abdomen; Thorax
Takata and Ucko reactions in visceral leishmaniasis, 527
Vision: See Eyes; etc.
Vital Capacity; irregularities of breathing in newborn period, *592
Vital Statistics: See Infant Mortality
Vitamins: See also Ascorbic Acid; Nicotinic Acid; Riboflavin; Thiamine
A absorption in newborn, *576
A; absorption of emulsified lipids from intestine in steatorrhea, 111
A; effect of pancreatin on curves for vitamin A absorption as aid to diagnosis in pancreatic deficiency, 124
A; hypovitaminosis A in school children in Rome in relation to war diets, 522
A in hepatic disease, *767
A; intestinal absorption from oily and aqueous mediums in patients with celiac syndrome, 124
A levels in febrile states, *768
A; plasma vitamin A and its clinical significance; review, *763
association of vitamins and mineral salts in treatment of children with disturbances of nutrition, 83
B: See also Nicotinic Acid; Riboflavin; Thiamine
B; effect of chemotherapeutic agents on acute leukemia; folic acid antagonists, 129
B; hyperchromic anemia produced by choline or acetycholine and induced remission of both by folic acid or liver injection; probable mechanism of action of liver and folic acid in treatment of anemia, 256
B; self selection of diet; appetite for B vitamins, 408
$B_1$: See Thiamine
$B_2$: See Riboflavin
C: See Ascorbic Acid
D: See also Rickets
D; comparative efficacy of vitamin D preparations (delsterol) in prophylactic treatment of premature infants, *1
D intoxication; report of case, 522
D; intoxication resulting from administration of massive doses with report of 5 cases, 672
D metabolism; effects of intramuscular injection of vitamin D on metabolism of calcium and phosphorus in infants, 409
Deficiency: See Deficiency Diseases; and under names of deficiency diseases, as Beriberi; Rickets; Scurvy; and under specific vitamins; etc.
further studies on effects of water soluble vitamins in experimental diabetes, 535
ice cream as source of riboflavin, carotene and ascorbic acid, 673
inhibition of dental caries by ingestion of fluoride vitamin tablets, 268
K; avitaminosis K and retinal hemorrhage in newborn, 85
K sensitivity test in neonatal jaundice, 85
Vocabulary: See under Speech
Voice instruction, indices of achievement in, 92
study of voice change in boys between ages of 11 and 16, 531
Vole Bacillus: See Bacteria, acid-fast
Vowels: See Speech
Vrolik-Lobstein Disease: See Bones, fragility
Vulva; double kidney with ectopic ureter opening into vestibule of vulva, 535

**Waldeyer** Ring: See Tonsils
Wallace, W. M.: Balance and electrocardiographic studies in potassium deficiency, 132
Improved flame photometer for sodium and potassium analyses, 104
War; effect of war and siege in Budapest on its infants and children, 674
etiology and effects of minor grades of anemia in young children; studies at group of war-time day nurseries, 784
hypovitaminosis A in school children in Rome in relation to war diets, 522
neonatal immaturity in war period, 409
psychosomatic symptoms resulting from impact of war; observations in civilian medical practice, *703
Ward, R. S.: Myotonia congenita; experimental study, 132
Wassermann Reaction: See Syphilis
Water, Metabolism: See also Dehydration; Diuresis and Diuretics
metabolism and disposal of casein hydrolysate administered intravenously, 126
restoration in organism, 672
studies on nephrotic edema; water and electrolyte relationships during diuresis, 115
Waterhouse - Friderichsen Syndrome: See Adrenals, hemorrhage
Werdnig-Hoffman Disease: See Atrophy, muscular
Wheal: See Urticaria
Whistler, Daniel, and his contribution to pediatrics, 269
White-Wolff-Parkinson Syndrome: See Heart, abnormalities
Whittemore, R.: Pulmonary stenosis or atresia; report on first 300 operations, 105
Whittenberger, J. L.: Respiratory air flow patterns in children, *625
Whooping Cough treated with pertussis immune serum (human); report on controlled series of 52 patients under 1 year of age, *15
Willner, M. M.: Comparison of vitamin $B_1$ levels in mothers and their newborn infants, *736
Wilson, A. L.: Thromboendarteritis with multiple mycotic aneurysms of branches of pulmonary artery, *460
Wilson, A. T.: Lysozyme in urine of nephrotic children, 115
Wilson, T. H.: Osmotic resistance of red cell populations in various anemias of infancy and childhood; preliminary observations, 130
Wolf, J.: Effect of chemotherapeutic agents on acute leukemia; folic acid antagonists, 129
Wolff-Parkinson-White Syndrome: See Heart, abnormalities
Wolman, I. J.: Osmotic resistance of red cell populations in various anemias of infancy and childhood; preliminary observations, 130
Woodruff, C. W.: Influence of pteroylglutamic acid on tyrosine metabolism in scorbutic guinea pig, 128
Worms: See Intestines, parasites; Oxyuriasis; etc.

**Xanthomatosis:** See Anemia, splenic; Schüller-Christian Syndrome

**Yamazaki**, J. N.: Congenital syphilitic nephrosis successfully tread with penicillin, *652

**Zepp**, H.: Effect on herpes virus of filtrate obtained from Salmonella typhosa, 121
Zervos, N.: Epidemic of diphtheria in Athens, Greece, during winter 1946-1947, *437
Zona: See Herpes
Zuelzer, W. W.: Normal and pathologic physiology of bone marrow, *482
Relationship of anemia and scurvy, 128